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**COMMUNICATION FROM THE COMMISSION TO  
THE EUROPEAN PARLIAMENT**

**Sixth publication of Elns  
(according to Article 21 of Directive 67/548/EEC)**

# COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT

## Sixth publication of Elincs (according to Article 21 of Directive 67/548/EEC)

(Text with EEA relevance)

In accordance with Commission Decision 85/71/EEC of 21 December 1984<sup>1</sup> the list of chemical substances notified pursuant to Directive 67/548/EEC<sup>2</sup> (hereinafter "the Directive") on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances (Elincs) has been established and appears in this *Official Journal of the European Union*.

This list replaces the previous list<sup>3</sup> and consists of all the chemical substances notified up to 30 June 1998 in accordance with Article 7 of the Directive.

This list supplements the European Inventory of Existing Commercial Chemical Substances (Einecs) published on 15 June 1990<sup>4</sup>, which lists all substances placed on the market up to 18 September 1981. Apart from the exceptions provided for in Articles 1 and 13 of the Directive, all substances placed on the Community market or, in the case of a new substance, notified no later than 30 June 1998, including those which are components of preparations, appear in either Einecs or Elincs.

Apart from the above mentioned exceptions, substances placed on the market which do not appear in either Einecs or Elincs must have been notified or must be notified in accordance with the Directive, and will be included in an update of Elincs.

The presence of a substance in Elincs nevertheless does not dispense any new importer and/or new manufacturer placing it on the Community market from notifying it in accordance with the Directive. However, if the substance has already been notified, the competent authority may accept that the new notifier refer, as far as the technical dossier is concerned, to the results of studies carried out by a previous notifier or notifiers, with his or their written agreement, in particular to avoid as far as possible the repetition of tests using vertebrate animals.

In accordance with Decision 85/71/EEC, the classification of these substances is included in Elincs only if it has been officially adopted at Community level and therefore appears in Annex I to the Directive. The other dangerous substances on the list, provisionally classified by the notifier, are in the process of being officially classified, and the official classification will be included in an update of Elincs.

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<sup>1</sup> OJ L 30, 2.2.1985, p. 33.

<sup>2</sup> OJ 196, 16.8.1967, p. 1. Directive last amended by Directive 2001/59/EC (OJ L 225, 21.8.2001, p. 1).

<sup>3</sup> OJ C 72, 11.3.2000, p. 1.

<sup>4</sup> OJ C 146 A, 15.6.1990, p. 1.

**Commission communication pursuant to Article 2 of Commission Decision 85/71/EEC of 21 December 1984 concerning the list of chemical substances notified pursuant to Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances**

**Elincs  
(European list of notified chemical substances)**

**EXPLANATORY NOTE**

The European list of notified chemical substances (Elincs) is published pursuant to Commission Decision 85/71/EEC<sup>5</sup>. It consists of all chemical substances notified within the European Community up to 30 June 1998, pursuant to Article 7 of Directive 67/548/EEC<sup>6</sup> (hereinafter "the Directive"). It is planned to update the list annually.

Each entry in the list corresponds to one chemical substance. However, many dossiers have been submitted by one or more importers and/or manufacturers.

For each substance, the following information is provided, if relevant and if not confidential:

**(a) Numbers**

*EC number:* number allocated by the Commission of the European Communities

*Dossier numbers:* file leader dossier number first (number of first dossier received for the substance, in application of Article 7 of the Directive, by any Member State), followed by all other dossier numbers.

The dossier number has the following standard structure: xx - xx - xxxx.

The two first digits represent the year of notification, the next two indicate the Member State where the substance has been notified and the last four digits represent the number of the dossier in the chronological order in which it was received within the country concerned. Codes of the different Member States are as follows: 01: France; 02: Belgium; 03: The Netherlands; 04: Germany; 05: Italy; 06: United Kingdom; 07: Ireland; 08: Denmark; 09: Luxembourg; 10: Greece; 11: Spain; 12: Portugal; 13: Finland; 14: Austria; 15: Sweden; 16: Norway.

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<sup>5</sup> OJ L 30, 2.2.1985, p. 33.

<sup>6</sup> OJ 196, 16.8.1967, p. 1. Directive last amended by Directive 2001/59/EC (OJ L 225, 21.8.2001, p. 1).

## **(b) Identification of the substance**

According to the Annex to Decision 85/71/EEC, each substance is identified by its trade name(s) and its chemical name or by its trade name(s) only if confidentiality has been granted to the latter by one competent authority, upon request of one notifier, for reasons of commercial secrecy.

Taking into account the above paragraph, the following identification sections are given in the list, for each substance:

*Trade name(s)*: all trade names under which the substance is marketed within the Community market.

*Chemical name*: generally this is the name of the substance according to the rules of the International Union of Pure and Applied Chemistry (IUPAC). If it is not possible to allocate a precise chemical name (e.g. if the substance is not completely defined), a name has been allocated according to the rules defined for the identification of such substances in the European Inventory of Existing Commercial Chemical Substances (Einecs)<sup>7</sup>. Some chemical names listed in the fifth publication of Elincs<sup>8</sup> were amended according to the notification and the IUPAC nomenclature rules.

- An Elincs entry will be regarded as a (mono-)substance, when the main component is present at a level of 80% or more (SNIF<sup>9</sup>, Section 1.1.00: mixture “no”). The substance will be listed in Elincs with the name of the (mono-)substance, only.
- An Elincs entry will be regarded as a mixture, when the main component is present at a level of less than 80% (SNIF, Section 1.1.00: mixture “yes”). All components present at levels of at least 10% will be listed in Elincs.

If there is no indication of the contrary, minor components and impurities are not mentioned in Elincs. In any case they will also appear in the identification section, if they contribute significantly to the classification of the substance.

These rules have been applied to all notifications and notification updates since the fourth publication of Elincs. The systematic examination of all Elincs entries is under way.

## **(c) Classification**

Classification as published in Annex I to the Directive for the substance in question.

This section is only filled in if the substance has obtained a harmonised classification at Community level according to Article 4 of the Directive and its classification has been published in Annex I to this Directive.

Where the substance is classified as dangerous, but has not yet entered in Annex I, an asterisk is placed in this section.

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<sup>7</sup> OJ C 146 A, 15.6.1990, p. 1.

<sup>8</sup> OJ C 72, 11.3.2000, p. 1.

<sup>9</sup> Summary Notification Interchange Format.

Note:

For labelling of the substance, refer to the rules laid down in the Directive, in particular Articles 4 and 23 and Annex VI (General classification and labelling requirements for dangerous substances and preparations).

**ANNEX**

| EC Number | Registration Number  | Trade Name   | Classification                                   | Name in the IUPAC Nomenclature   |
|-----------|--|--|--|--|
| 400-010-9 | 83-06-0001<br>83-04-0002<br>83-05-0001<br>84-01-0005<br>85-02-0002<br>89-03-0082<br>93-12-0077<br>95-15-0054               | AMARELO INDOSOL SF-2RL<br>INDOSOL GELB SF-2RL<br>INDOSOL YELLOW SF-2RL<br>JAUNE INDOSOL SF-2RL<br>JAUNE WK 1913<br>SOLAR GOLDEN YELLOW R<br>YELLOW WK 1913 | R 43   | tetrasodium 3,3'-[piperazine-1,4-diyl-bis[(6-chloro-1,3,5-triazine-2,4-diyl)amino(2-acetylamino-4,1-phenylene)azo]]bis(naphthalene-1,5-disulfonate)            |
| 400-020-3 | 83-06-0002<br>83-05-0002<br>84-01-0006<br>84-04-0011<br>85-02-0003<br>85-03-0022<br>91-11-0024<br>93-12-0093<br>99-16-0021 | BROWN MO 384<br>BRUN MO 384<br>INDOSOL BRAUN SF-BR<br>INDOSOL BROWN SF-BR<br>INDOSOL BRUIN SF-BR   | N; R 51-53                                       | hexasodium [4,4'-azoxybis(2,2'-disulfonatostilbene-4,4'-diylazo)]-bis[5'-sulfonatobenzene-2,2'-diolato-O(2),O(2),N(1)]-copper(II)                              |
| 400-030-8 | 83-06-0003<br>83-04-0004<br>85-04-0018   | ACTIZONE<br>PG 85<br>PHENOLESTER C<br>PHENOLESTER C/S  | T; R 23-48/23<br>Xn; R 22<br>Xi; R 36/37<br>R 43 | sodium 4-(2,4,4-trimethylpentylcarbonyloxy)benzenesulfonate  |
| 400-040-2 | 83-04-0001   | EURELYT  | F; R 11-14/15<br>Xn; R 20<br>C; R 35             | potassium -fluoro-bis(triethylaluminate)   |
| 400-050-7 | 83-01-0001<br>84-06-0018<br>88-04-0144<br>89-08-0027   | C.I. BLEU REACTIF 204<br>C.I. REACTIVE BLUE 204<br>REACTIVE BLUE 204<br>REAKTIV BLAU 204   | R 42/43  | hexasodium 6,13-dichloro-3,10-bis((4-(2,5-disulfonatoanilino)-6-fluoro-1,3,5-triazin-2-ylamino)prop-3-ylamino)-5,12-dioxa-7,14-diazapentacene-4,11-disulfonate |
| 400-060-1 | 89-06-0171<br>83-02-0001<br>92-05-0188<br>93-01-0262<br>93-02-0115<br>93-03-0268<br>93-04-0587<br>93-06-0442<br>94-11-0111 | BENTONE SD-2   |  |  |
| 400-070-6 | 83-04-0003   | REAKTIV BLAU 5622  |  |  |

| EC Number | Registration Number  | Trade Name   | Classification | Name in the IUPAC Nomenclature  |
|-----------|--|--|----------------|---|
| 400-080-0 | 83-01-0002<br>83-05-0005<br>84-04-0006<br>84-06-0008<br>85-02-0005<br>85-03-0016<br>91-11-0034<br>93-12-0079<br>95-15-0051               | AMARELO DRIMARENE X-RN<br>DRIMAREN GELB X-RN<br>DRIMARENE YELLOW X-RN<br>JAUNE DRIMARENE X-RN<br>JAUNE X-WK 1985<br>YELLOW X-WK 1985 |                |   |
| 400-090-5 | 83-01-0003<br>83-05-0003<br>83-06-0005<br>84-04-0008<br>85-03-0018<br>86-02-0010<br>91-11-0036<br>92-12-0069<br>95-15-0053<br>99-16-0022 | FORON GELB RD-4GRL<br>FORON YELLOW RD-4GRL<br>JAUNE FORON RD-4GRL<br>JAUNE UZ 3217-A<br>YELLOW UZ 3217-A                             |                |   |
| 400-100-8 | 83-01-0004<br>83-05-0004<br>84-04-0007<br>84-06-0007<br>85-02-0007<br>85-03-0017<br>91-11-0037<br>92-12-0067<br>95-15-0057<br>99-16-0023 | BLEU N-RM 2114<br>BLEU NYLOSAN N-BLN<br>BLUE N-RM 2114<br>NYLOSAN BLAU N-BLN<br>NYLOSAN BLEU N-BLN<br>NYLOSAN BLUE N-BLN             | N; R 51-53     | sodium 1-amino-4-[2-methyl-5-(4-methylphenylsulfonylamino)phenylamino]anthraquinone-2-sulfonate |

| EC Number | Registration Number  | Trade Name   | Classification | Name in the IUPAC Nomenclature   |
|-----------|--|--|----------------|--|
| 400-110-2 | 83-03-0001<br>84-06-0015<br>87-06-0086<br>87-06-0094<br>88-02-0028<br>88-03-0042<br>88-03-0058<br>88-04-0093<br>88-04-0108<br>88-04-0113<br>88-04-0114<br>88-04-0121<br>89-01-0082<br>89-01-0107<br>89-01-0113<br>89-02-0039<br>89-03-0068<br>89-03-0087<br>89-04-0160<br>89-04-0181<br>89-04-0191<br>89-04-0216<br>89-05-0069<br>89-05-0086<br>89-06-0143<br>89-06-0151<br>89-08-0033<br>89-08-0041<br>89-11-0001<br>90-01-0118<br>90-02-0047<br>90-02-0048<br>90-02-0051<br>90-02-0069<br>90-03-0111<br>90-03-0117<br>90-04-0245<br>90-04-0252<br>90-05-0121<br>90-06-0192<br>90-06-0205<br>90-06-0207<br>90-07-0010<br>90-08-0043<br>90-10-0002<br>90-11-0003 | AIZEN SPILON BLACK TRH<br>AIZEN SPILON SCHWARZ TRH<br>THR-1<br>TRH | F; R 11        | ammonium bis(1-(3,5-dinitro-2-oxidophenylazo)-3-(N-phenylcarbamoyl)-2-naphtholato)chromate(1-) |



| EC Number | Registration Number  | Trade Name   | Classification         | Name in the IUPAC Nomenclature   |
|-----------|--|--|------------------------|--|
|           | 90-11-0004<br>90-11-0008<br>90-12-0023<br>91-01-0156<br>91-03-0139<br>92-02-0100<br>92-04-0451<br>92-04-0464<br>92-04-0477<br>92-05-0174<br>92-05-0179<br>92-06-0402<br>92-06-0403<br>92-07-0039<br>92-12-0059<br>92-12-0060<br>93-03-0214<br>94-03-0277<br>95-03-0307<br>95-06-0768<br>96-15-0062 |  |                        |  |
| 400-120-7 | 83-06-0004   | C.I. REACTIVE BLACK 45   | Xi; R 36               | pentasodium 5-anilino-3-(4-{4-[4-chloro-6-(3-sulfonatoanilino)-1,3,5-triazin-2-ylamino]-2,5-dimethylphenylazo}-2,5-disulfonatophenylazo)-4-hydroxy-naphthalene-2,7-disulfonate |
| 400-130-1 | 84-06-0006   | C.I. REACTIVE RED 219  | R 42<br>N; R 51-53     | tetrasodium 2-[[8-[(4,6-dichloro-5-cyano-pyrimidin-2-yl)amino]-1-hydroxy-3,6-disulfonato-2-naphthalenyl]azo]naphthalene-1,5-disulfonate  |
| 400-140-6 | 84-01-0007   | UGILEC 121   | N; R 50-53             | A mixture of isomers of (chlorophenyl)(chlorotolyl)methane   |
| 400-150-0 | 84-04-0005   | C.I. REACTIVE BLUE 213   |                        | hydrogen potassium sodium 4-amino-6-(5-(5-chloro-2-fluoro-6-methylpyrimidin-4-ylamino)-2-sulfonatophenylazo)-3-(2,5-disulfonatophenylazo)-5-hydroxynaphthalene-2,7-disulfonate |
| 400-160-5 | 84-01-0009<br>84-06-0011   | LZ 5391  | Xi; R 38<br>N; R 51-53 | Reaction products of tall-oil fatty acids, diethanolamine and boric acid   |
| 400-180-4 | 84-01-0010<br>85-06-0022   | LZ-Z 1<br>Z-1  |                        |  |
| 400-190-9 | 84-04-0009<br>84-05-0007<br>84-06-0020<br>85-02-0004<br>85-03-0014<br>93-12-0090   | DRIMARENE BRILLIANT RED X-2BN<br>DRIMARENE BRILLIANT ROOD<br>DRIMARENE BRILLIANT ROT X-2BN<br>RED X-KB 3621<br>ROUGE BRILLIANT DRIMARENE X-2BN<br>ROUGE BRILLIANT DRIMARENE X-2BN<br>ROUGE X-KB 3621 |                        |  |
| 400-200-1 | 84-01-0008<br>84-06-0009   | MELPOL   |                        | A mixture of: 1,1'-((6-amino-1,3,5-triazine-2,4-diyl)diimino)dipropan-2-ol;<br>1,1',1''-((1,3,5-triazine-2,4,6-triyl)triimino)tripropan-2-ol                                   |
| 400-210-6 | 84-06-0012<br>84-04-0010   | QY 84  |                        | trans-2-(4-dodecyloxy-3-methoxystyryl)quinoline  |
| 400-220-0 | 84-03-0004   | AF-330   | N; R 51-53             | 2,5-bis(1,1-dimethylbutyl)hydroquinone   |
| 400-230-5 | 84-03-0005   | UM-214   |                        |  |

| EC Number | Registration Number  | Trade Name  | Classification           | Name in the IUPAC Nomenclature   |
|-----------|--|---|--------------------------|--|
| 400-250-4 | 84-03-0006<br>95-04-0771   | COUPLER I<br>UY-320   | *                        |  |
| 400-260-9 | 84-03-0008   | 766F  |                          |  |
| 400-270-3 | 84-03-0009   | AF-324  | N; R 51-53               | 2,2'-spirobi(6-hydroxy-4,4,7-trimethylchromane)  |
| 400-280-8 | 84-03-0011   | AF-345  |                          |  |
| 400-290-2 | 84-06-0013   | G.1417  | R 10<br>R 43<br>R 52-53  | 2-fluoro-5-trifluoromethylpyridine   |
| 400-300-5 | 84-03-0013   | DABCO XE-8442   |                          |  |
| 400-320-4 | 84-06-0014<br>85-01-0019<br>85-04-0017<br>86-03-0025<br>90-11-0009   | BRAUN HM 469<br>BROWN HH 469<br>BRUN HH 469<br>SANDODERM BRAUN R<br>SANDODERM BROWN R<br>SANDODERM BRUIN R  |                          |  |
| 400-330-9 | 84-01-0011<br>84-05-0006<br>85-02-0006<br>85-03-0021<br>85-04-0016<br>85-06-0027                             | INDOSOL RUBINOL SF-RG<br>RUBINOL INDOSOL SF-RG<br>RUBINOL LF 326<br>RUBINOLE LF 326   |                          |  |
| 400-340-3 | 84-01-0012<br>85-05-0011<br>85-06-0028<br>89-04-0168<br>89-08-0039<br>95-15-0008                             | ARANCIO DISPERSO 149<br>C.I. DISPERSO ORANGE 149<br>DISPERS ORANGE 149<br>DISPERSO ORANGE 149<br>ORANGE DISPERSO 149<br>TERASIL GOLDGELB 2RS  | Carc.Cat.2; R 45<br>R 53 | 6-hydroxy-1-(3-isopropoxypropyl)-4-methyl-2-oxo-5-[4-(phenylazo)phenylazo]-1,2-dihydro-3-pyridinecarbonitrile                                |
| 400-350-8 | 84-01-0013<br>85-05-0012<br>85-06-0029<br>89-04-0169<br>89-08-0028   | ACID BLUE 344<br>BLEU ACIDE 344<br>BLEU ACIDO 344<br>BLU ACIDO 344<br>C.I. ACID BLUE 344<br>SÄURE BLAU 344  | Xi; R 41<br>R 52-53      | disodium 1-amino-4-(4-benzenesulfonamido-3-sulfonatoanilino)anthraquinone-2-sulfonate  |
| 400-360-2 | 84-01-0014   | RHODIASTAB 82   |                          | 5-methyl-1-phenylhexane-1,3-dione  |
| 400-370-7 | 84-01-0015<br>97-01-0448   | ACTREL 400<br>DOWTHERM*RP HEAT TRANSFER FLUID<br>SYNTREL 350  |                          |  |
| 400-380-1 | 84-06-0016<br>85-01-0016<br>85-03-0019<br>85-04-0019<br>85-05-0010<br>90-02-0054<br>92-12-0068<br>93-11-0107 | DRIMAREN SCHARLACH X-GA 979<br>DRIMAREN SCHARLAKEN X-GA<br>DRIMAREN SCHARLAKEN X-GA 979<br>DRIMARENE SCARLET X-2 GN<br>ECARLATE DRIMARENE X-2GN<br>ECARLATE DRIMARENE X-GA 979<br>ECARLATE X-GA 979<br>SCARLET X-GA 979 | R 43                     | disodium 6-((4-chloro-6-(N-methyl)-2-toluidino)-1,3,5-triazin-2-ylamino)-1-hydroxy-2-(4-methoxy-2-sulfonatophenylazo)naphthalene-3-sulfonate |

| EC Number | Registration Number  | Trade Name   | Classification                    | Name in the IUPAC Nomenclature   |
|-----------|--|--|-----------------------------------|--|
| 400-390-6 | 84-05-0008<br>01-06-1472<br>84-06-0010   | FLEXSORB-SE  | Xn; R 22<br>C; R 35               | 7,7-dimethyl-3-oxa-6-azaoctan-1-ol   |
| 400-400-9 | 84-06-0017<br>86-01-0027<br>88-06-0127<br>90-03-0107<br>90-04-0241<br>93-03-0229<br>99-16-0029               | 1,3-PDTA<br>AGENT CHELATANT KODAK NO.1<br>DISSOLVINE PDZ<br>HAMPSHIRE PDTA<br>KODAK CHELATING AGENT NO.1<br>TRILON R FS                  | Xn; R 22<br>Xi; R 36              | N,N'-propylene-1,3-diylbis[N-(hydroxycarbonylmethyl)glycine]   |
| 400-410-3 | 84-04-0014<br>85-04-0015<br>95-01-0354   | CYCLOHEXYLSALICYLAT<br>SALICYLATE DE CYCLOHEXYLE   | *                                 |  |
| 400-420-8 | 84-08-0001   | PMH  |                                   | 1,6-dihydro-3-hydroxy-1-phenylpyridazin-6-one  |
| 400-430-2 | 84-06-0019   | C.I. REACTIVE BROWN 44   | R 43                              | tetrasodium 2-(6-chloro-4-(4-(2,5-dimethyl-4-(2,5-disulfonatophenylazo)phenylazo)-3-ureidoanilino)-1,3,5-triazin-2-ylamino)benzene-1,4-disulfonate   |
| 400-440-7 | 85-06-0021   | INTERSTAB FR 184   |                                   |  |
| 400-450-1 | 84-04-0012   | BASIC YELLOW FB 98338  |                                   | 2-methoxy-5-(2-(4-(4-(1-((4-methoxy-3-trimethylammonio)anilinocarbonyl)-2-oxopropylazo)benzamido)phenylazo)-3-oxobutyramido)phenylammonium dichloride  |
| 400-460-6 | 85-06-0023   | C.I. DISPERSE BLUE 356   | R 43<br>R 52-53                   | 2-[4-N,N-bis-( -methoxycarbonyl-ethyl)amino-2-methylphenylazo]-3-ethoxycarbonyl-5-nitrothiophene   |
| 400-470-0 | 85-06-0024   | FLUORINERT LIQUID FC-5311<br>FLUTEC PP11   |                                   | perfluoroperhydrophenanthrene  |
| 400-480-5 | 85-06-0025<br>89-06-0146<br>91-06-0286<br>91-06-0299<br>91-06-0336   | INPAC XP40<br>XP40 INPAC   | R 52-53                           | calcium P,P'-(1-hydroxyethylene)bis(hydrogen phosphonate)dihydrate   |
| 400-500-2 | 85-06-0026   | LEUCOPHOR 8407E  |                                   |  |
| 400-510-7 | 85-01-0017<br>85-04-0023<br>85-05-0013<br>85-06-0031<br>86-03-0024<br>90-02-0055<br>92-11-0038<br>93-12-0080 | BLEU MARINE DRIMARENE X-GN PKT<br>BLEU MARINE X-VT 4046<br>DRIMAREN MARINEBLAU X-GN PKT<br>DRIMAREN NAVY X-GN PKT<br>NAVY BLUE X-VT 4046 | Xi; R 41<br>R 43                  | tetrasodium 4-amino-3,6-bis(5-(6-chloro-4-(2-hydroxyethylamino)-1,3,5-triazin-2-ylamino)-2-sulfonatophenylazo)-5-hydroxynaphthalene-2,7-sulfonate (containing > 35% sodium chloride and sodiumacetate) |
| 400-520-1 | 85-06-0030   | Z-2  | Xn; R 22<br>C; R 34<br>N; R 50-53 | A mixture of isomers of ethylenediammonium O,O-bis(octyl) phosphorodithioate   |
| 400-530-6 | 85-03-0015   | AF-336   | Xi; R 41<br>R 43<br>N; R 51-53    | 2-methyl-5-(1,1,3,3-tetramethylbutyl)hydroquinone  |
| 400-540-0 | 85-04-0020   | REACTIF ORANGE 5687  |                                   |  |

| EC Number | Registration Number  | Trade Name  | Classification         | Name in the IUPAC Nomenclature  |
|-----------|--|---|------------------------|---|
| 400-550-5 | 84-04-0013   | TLF-5737  |                        | poly( -fluoro- -methacryloyloxyethylpoly(difluoromethylene)-co-3-chloro-2-hydroxypropylmethacrylate)  |
| 400-570-4 | 85-01-0018   | C.I. DIRECT BLACK 174   | Xi; R 36               | A Mixture of: disodium 6-(2,4-dihydroxyphenylazo)-3-(4-(4-(2,4-dihydroxyphenylazo)anilino)-3-sulphonatophenylazo)-4-hydroxynaphthalene-2-sulphonate; disodium 6-(2,4-diaminophenylazo)-3-(4-(4-(2,4-diaminophenylazo)anilino)-3-sulphonatophenylazo)-4-hydroxynaphthalene-2-sulphonate; trisodium 6-(2,4-dihydroxyphenylazo)-3-(4-(4-(7-(2,4-dihydroxyphenylazo)-1-hydroxy-3-sulphonato-2-naphthylazo)anilino)-3-sulphonatophenylazo)-4-hydroxynaphthalene-2-sulphonate |
| 400-580-9 | 85-04-0021<br>85-05-0015<br>85-06-0032<br>88-04-0141<br>89-01-0090   | HOSTAVIN N 24<br>SANDUVOR 3050<br>VP SANDUVOR 3050  | Xi; R 38<br>N; R 51-53 | A mixture of: dodecyl 3-(2,2,4,4-tetramethyl-21-oxo-7-oxa-3,20-diazadispiro(5.1.11.2)hencosan-20-yl)propionate; tetradecyl 3-(2,2,4,4-tetramethyl-21-oxo-7-oxa-3,20-diazadispiro(5.1.11.2)hencosan-20-yl)propionate   |
| 400-590-3 | 85-02-0008   | T-3599  |                        |   |
| 400-600-6 | 85-04-0022<br>85-06-0034<br>86-01-0026<br>86-08-0003<br>87-06-0089<br>88-02-0021<br>88-02-0025<br>88-03-0046<br>88-05-0056<br>88-06-0104<br>92-11-0068<br>93-12-0097<br>94-02-0144<br>94-06-0564<br>94-06-0602<br>94-13-0007 | IRGACURE<br>IRGACURE 907  | Xn; R 22<br>N; R 51-53 | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one  |
| 400-610-0 | 85-01-0020<br>85-05-0018<br>86-06-0037<br>88-04-0103<br>88-08-0018   | BLEU PERGASCRIP BD 551<br>BLUE PERGASCRIP BD 551<br>PERGASCRIP BLAU I-2G (ZUBEREITUNG)<br>PERGASCRIP BLUE BD 551<br>XANTHEN-BLUE BD 551 |                        |   |
| 400-620-5 | 85-01-0021<br>85-05-0019<br>86-06-0038<br>88-04-0104<br>88-08-0019   | PERGASCRIP VIOLET BD 553<br>PERGASCRIP-VIOLETT BD 553<br>VIOLET PERGASCRIP BD 553<br>VIOLETTO PERGASCRIP BD 553                         |                        |   |

| EC Number | Registration Number  | Trade Name  | Classification         | Name in the IUPAC Nomenclature   |
|-----------|--|---|------------------------|--|
| 400-640-4 | 85-01-0022<br>86-01-0038<br>86-05-0017<br>86-06-0043<br>86-06-0052<br>87-05-0029<br>88-04-0095<br>88-08-0020<br>89-04-0214<br>95-15-0009<br>99-16-0008 | C.I. REACTIVE YELLOW 161<br>CIBACRON YELLOW H-2G (2G-E)<br>JAUNE REACTIF 161<br>REACTIVE YELLOW 161   |                        |  |
| 400-650-9 | 85-04-0025<br>95-01-0369   | 2-NITROBENZYLIDENE METHYL ESTER<br>BAY O 2787   | R 43<br>N; R 51-53     | methyl 2-(2-nitrobenzylidene)acetoacetate  |
| 400-660-3 | 85-06-0033<br>86-01-0032<br>89-02-0043<br>89-04-0157<br>90-04-0271<br>90-04-0276<br>92-03-0200<br>99-16-0018<br>99-16-0028                             | AMMONIUM-EISEN-PDTA<br>AMMONIUM-IRON-PDTA<br>COMPLEX OF CHELATING AGENT NO. 1<br>DISSOLVINE FD-FE-14<br>DISSOLVINE PD-FE-14<br>PDTA-FN<br>RAZ<br>SEL COMPLEXE D'AGENT CHELATANT KODAK NO. 1 | *                      |  |
| 400-670-8 | 85-03-0020   | UC-126  |                        |  |
| 400-680-2 | 85-04-0027   | R-GELB 2454   | Xn; R 20<br>N; R 50-53 | 5(or 6)-tert-butyl-2'-chloro-6'-ethylamino-3',7'-dimethylspiro(isobenzofuran-1(1H),9'-xanthene)-3-one  |
| 400-690-7 | 85-01-0023<br>86-05-0020<br>86-06-0046<br>88-04-0096<br>88-08-0021<br>95-15-0010   | BLEU REACTIF 214<br>BLEU REACTIFE 214<br>C.I. REACTIVE BLUE 214<br>DISAZO MARINBLAU ST 6501<br>DISAZO MARINEBLAU ST 6501<br>DISAZOMARINEBLAU ST 6501<br>REACTIVE BLUE 214                   | N; R 51-53             | tetrasodium 4-amino-3,6-bis-[4-chloro-6-(2-hydroxyethylamino)-1,3,5-triazin-2-ylamino]-2-sulfonatophenylazo)-5-hydroxynaphthalene-2,7-disulfonate                            |
| 400-710-4 | 85-04-0028   | PIGMENTGELB 82 897  | Xn; R 20               | calcium 2,5-dichloro-4-(4-((5-chloro-4-methyl-2-sulfonatophenyl)azo)-5-hydroxy-3-methylpyrazol-1-yl)benzenesulfonate   |
| 400-720-9 | 85-04-0029   | SÄUREBRAUN 6229   | R 52-53                | monosodium aqua-[5-[[2,4-dihydroxy-5-[(2-hydroxy-3,5-dinitrophenyl)azo]phenyl]azo]-2-naphthalensulfonate], iron complex  |
| 400-730-3 | 85-04-0030   | REAKTIV MARINEBLAU F-59243 FW   |                        | pentasodium (8-(4-chloro-6-(4-(2-(sulfonatooxy)ethylsulfonyl)anilino)-1,3,5-triazin-2-ylamino)-3,4',6,8'-tetrasulfonato-2,2'-azodinaphtholato)copper(II)                     |
| 400-740-8 | 85-04-0031   | REAKTIV GELB F-59 616 FW  |                        | tetrasodium 4-(5-(4-chloro-6-(4-(2-(sulfonatooxy)ethylsulfonyl)anilino)-1,3,5-triazin-2-ylamino)-2-sulfonatophenylazo)-5-hydroxy-1-(4-sulfonatophenyl)pyrazole-3-carboxylate |
| 400-750-2 | 85-06-0035   | C.I. DISPERSE RED 356   |                        |  |
| 400-760-7 | 85-01-0024   | C.I. DIRECT BROWN 241   |                        |  |
| 400-770-1 | 85-03-0023   | UC-130  |                        |  |

| EC Number | Registration Number  | Trade Name  | Classification      | Name in the IUPAC Nomenclature  |
|-----------|--|---|---------------------|---|
| 400-780-6 | 85-06-0036<br>86-01-0029<br>86-03-0028<br>86-04-0033<br>86-05-0021<br>91-11-0028<br>92-01-0226<br>93-04-0652<br>93-12-0089<br>95-15-0041                             | C.I. DIRECT BLUE 273<br>CARTASOL BLAU GDF<br>CARTASOL BLUE GDF<br>CARTASOL BLUE GDF CONC.<br>DIRECT BLUE FD 05728<br>GS 1811/55                                 | *                   |   |
| 400-790-0 | 86-01-0025<br>86-05-0023<br>86-06-0047<br>88-04-0111<br>88-08-0014<br>95-15-0011   | C.I. REACTIVE RED 220<br>CIBACRON-RED F-2G<br>CIBACRON-ROT F-2G<br>REACTIVE RED 220<br>ROSSO REATTIVO 220<br>ROUGE REACTIF 220                                  | Xi; R 36/38<br>R 43 | tetrasodium 8-benzamido-2-(5-(4-fluoro-6-(1-sulfonato-2-naphthylamino)-1,3,5-triazin-2-ylamino)-2-sulfonatophenylazo)-1-hydroxynaphthalene-3,6-disulfonate  |
| 400-800-3 | 86-05-0016<br>86-01-0034<br>86-03-0029<br>86-04-0032<br>86-06-0045<br>90-02-0058<br>91-11-0027<br>92-12-0074   | DRIMAREN ORANGE X-3LGN CONC.<br>DRIMARENE AETZORANGE WK 2243<br>DRIMARENE DISCHARGE ORANGE WK 2243<br>LARANJA DRIMARENE X-3LGN<br>ORANGE DRIMARENE X-3LGN CONC. | *                   |   |
| 400-810-8 | 86-01-0028<br>86-05-0024<br>86-06-0051<br>87-03-0037<br>89-04-0153<br>90-02-0065<br>93-11-0091   | BI 3277<br>NOIR CORSE SANODAL H3LW CONC.<br>SANODAL DEEP BLACK H-3LW CONC.<br>SANODAL TIEFSCHWARZ H-3LW<br>SANODAL TIEFSCHWARZ H-3LW KONZ.                      | Muta.Cat.3; R 68    | trisodium bis[N-N-h(7-acetamido-5'-nitro-3-sulfonato-naphthalene-2-azobenzene-1,2'-diolato-0',0')]chromate (III)  |
| 400-820-2 | 86-06-0039   | CGL 571   |                     |   |
| 400-830-7 | 86-06-0040<br>86-01-0042<br>86-04-0044<br>87-03-0036<br>87-08-0006<br>88-02-0020<br>88-05-0049<br>93-05-0200<br>93-11-0080<br>94-13-0006<br>95-15-0036<br>99-16-0013 | TINUVIN 1130<br>TINUVIN 213   | R 43<br>N; R 51-53  | A mixture of: -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- -hydroxypoly(oxyethylene);<br>-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene) |
| 400-840-1 | 86-01-0030   | ROUGE GRAPHTOL GLF  |                     | 1-(2,5-dichloro-4-(N-methylsulfamoyl)phenylazo)-2-hydroxy-N-(2-tolyl)-3-naphthamide   |
| 400-850-6 | 86-06-0042   | C.I. REACTIVE BLUE 215  |                     |   |

| EC Number | Registration Number  | Trade Name  | Classification                    | Name in the IUPAC Nomenclature   |
|-----------|--|---|-----------------------------------|--|
| 400-860-0 | 86-08-0002<br>86-06-0041   | SOLSPERSE 25000   |                                   |  |
| 400-870-5 | 86-01-0031<br>86-05-0025   | BRUN JAUNE ESTOFIL S-3RL<br>BRUNO GIALLO ESTOFIL S-3RL  |                                   | [2,2'-(1,2-phenylenebis(nitrilomethylidyne))-bis(phenolato)]-N,N',O,O'-nickel(II)  |
| 400-890-4 | 86-01-0033<br>87-04-0054<br>87-05-0042<br>87-06-0090<br>88-08-0016   | GIALLO PERGASCRIPT RZ 3386<br>JAUNE PERGASCRIPT RZ 3386<br>PERGASCRIPT YELLOW RZ 3386<br>PERGASCRIPT YELLOW RZ 3386/I-3R  |                                   |  |
| 400-900-7 | 86-04-0036   | 2,3-ISOPROPYLIDENE DIOXYPHENOL  | Xi; R 41                          | 2,2-dimethyl-1,3-benzodioxol-4-ol  |
| 400-910-1 | 86-01-0035<br>86-05-0026<br>86-06-0055<br>88-04-0130<br>88-08-0023   | C.I. ACID YELLOW 246<br>GIALLO ACIDO 246<br>JAUNE ACIDE 246<br>JAUNE TECTILON HT 2025<br>TECTILON YELLOW HT 2025  |                                   |  |
| 400-920-6 | 86-05-0022<br>86-01-0039<br>86-03-0031<br>86-04-0037<br>86-06-0054<br>88-08-0008<br>90-11-0007<br>95-15-0044<br>99-16-0024               | CARTASOL BLACK M-G<br>CARTASOL BLACK M-G LIQUID<br>CARTASOL SCHWARTZ MG<br>CARTASOL SCHWARZ MG<br>HM 2482<br>LEATHER BLACK C<br>LEATHER BLACK C LIQUID<br>LEDER SCHWARTZ C<br>LEDER SCHWARZ C |                                   |  |
| 400-930-0 | 86-02-0009   | X 3761  | Xi; R 38-41<br>R 43<br>N; R 51-53 | C12-14-tert-alkylammonium diphenyl phosphorothioate dinonyl sulfide (or disulfide) |
| 400-940-5 | 86-01-0036<br>86-03-0030<br>86-04-0042<br>86-05-0027<br>86-06-0050<br>87-02-0016<br>88-08-0009<br>91-11-0030<br>93-12-0091<br>95-15-0048 | 566.85<br>CARTASOL YELLOW 5GF<br>CARTASOL YELLOW 5GF CONC.<br>JAUNE CARTASOL 5GF CONC.  |                                   |  |
| 400-960-4 | 85-04-0024   | TEGO ANTIFOAM C2600   |                                   | 5(6)-endo(exo)-perfluorohexylbicyclo[2.2.1]hept-2-yl-methyl-polysiloxane           |
| 400-970-9 | 86-06-0044   | MX 1314 SEQUESTERING AGENT  |                                   | trisodium 5,6-dihydroxy-1,2,4-benzenetrisulfonate                                  |
| 400-980-3 | 86-04-0038   | FUNGITEX 7194   |                                   |  |
| 400-990-8 | 86-04-0039   | 3,5-DIBROMO ANTHRANILIC ACID METHYLESTER  |                                   | methyl 3,5-dibromoanthranilate   |
| 401-000-7 | 86-01-0037<br>87-04-0075<br>87-05-0040<br>87-06-0080<br>88-08-0013   | BLEU MARINO DIAZO SB 519<br>C.I. REACTIVE BLUE 230<br>DISAZO MARINE SB 519<br>DISAZO NAVY SB 519<br>MARINE DISAZOÏQUE SB 519  |                                   |  |

| EC Number | Registration Number  | Trade Name  | Classification  | Name in the IUPAC Nomenclature   |
|-----------|--|---|---|--|
| 401-010-1 | 86-04-0040   | REACTIVE ORANGE F-64 258 FW                               | R 43  | dilithium 7-acetamido-1-hydroxy-2-(4-((2-sulfonatooxy)ethylsulfonyl)phenylazo)naphthalene-3-sulfonate  |
| 401-020-6 | 86-04-0035   | RI 9410   |   |  |
| 401-030-0 | 86-03-0027   | KOAVOL DH   |   |  |
| 401-040-5 | 86-03-0026<br>86-01-0040   | DBB   | T; R 48/25<br>Xn; R 21/22<br>Xi; R 41<br>R 43<br>N; R 50-53 | dibutyltin hydrogen borate   |
| 401-060-4 | 86-06-0048   | PM 9879   | C; R 34<br>N; R 50-53                                       | 2,4-dichloro-3-ethylphenol   |
| 401-070-9 | 86-04-0043   | SILAN GF 55   |   | ethenyltris(1-methyl-2-methoxyethoxy)silane  |
| 401-080-3 | 86-06-0049<br>90-03-0098<br>91-01-0146   | C 1559<br>UY-904  |   |  |
| 401-090-8 | 86-04-0045   | REAKTIV BRILLANTROT F 54 846 FW                           |   | tetrasodium 8-(4-chloro-6-(4-(2-(sulfonatooxy)ethylsulfonyl)anilino)-1,3,5-triazin-2-ylamino)-1-hydroxy-2-(2-sulfonatophenylazo)naphthalene-2,7-disulfonate              |
| 401-100-0 | 86-06-0053   | TILCOM CA35<br>TILCOM IA10                                | F; R 11<br>Xi; R 36<br>N; R 51-53                           | butyl (dialkyloxy(dibutoxyphosphoryloxy))titanium(trialkyloxy)titanium phosphate   |
| 401-110-5 | 86-04-0034   | IRGANOX 1299  | R 52-53   | 3,5-bis((3,5-di-tert-butyl-4-hydroxy)benzyl)-2,4,6-trimethylphenol   |
| 401-130-4 | 86-02-0011   | MON 4660  | *   |  |
| 401-140-9 | 86-06-0056   | H109357   |   |  |
| 401-150-3 | 86-04-0046   | MITTEL T  |   | A mixture of: 2,2-dimethyl-1,3-bis(1,7,7-trimethylbicyclo[2.2.1]hept-2-yloxy)propane; neopentylglycol-mono-(1,7,7-trimethylbicyclo[2.2.1]hept-2-yl) ether                |
| 401-160-8 | 86-04-0047<br>87-02-0014   | CS 100<br>SILOXAL   | F; R 14/15-17<br>C; R 35                                    | diethyl(ethylidimethylsilanolato)aluminium   |
| 401-170-2 | 86-04-0048<br>89-06-0184   | ISOBUTYL VINYL ACETATE<br>IVA                             | R 10  | isobutyl but-3-enoate  |
| 401-180-7 | 86-04-0049   | IGAPERM 2876  |   | dihexyl 2-hydroxy-5-methoxybenzene-1,4-bis(5,5-dimethylvalerate)   |
| 401-190-1 | 86-06-0057<br>87-06-0074   | L5300   | R 43  | methyl 2-[N-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)-N-methylcarbamoylsulfamoyl]benzoate  |
| 401-200-4 | 86-01-0041<br>00-04-1234   | H6572   | N; R 51-53  | (chloromethyl)bis(4-fluorophenyl)methylsilane  |
| 401-210-9 | 87-02-0013<br>86-06-0058<br>87-04-0073   | BEHENYLKETENDIMER<br>HERCULES PMC D-532<br>PMC D532       | R 53  | 3-icosyl-4-henicosylidene-2-oxetanone  |
| 401-220-3 | 86-04-0050   | SÄUREBRAUN 6230   | Xn; R 20<br>R 52-53   | sodium (1-(5-(4-(4-anilino-3-sulfophenylazo)-2-methyl-5-methylsulfonamidophenylazo)-4-hydroxy-2-oxido-3-(phenylazo)phenylazo)-5-nitro-4-sulfonato-2-naphtholato)iron(II) |
| 401-230-8 | 86-01-0043<br>87-03-0038<br>87-04-0065<br>87-05-0033<br>93-11-0092<br>93-12-0076 | CA 1-2356<br>DILASOFT RS<br>DILASOFT RS, ACTIVE SUBSTANCE | *   |  |



| EC Number | Registration Number  | Trade Name  | Classification                | Name in the IUPAC Nomenclature   |
|-----------|--|---|-------------------------------|--|
| 401-240-2 | 86-05-0030   | AGIP SR 1000  |                               | bis(C12-15-alkyl) carbonate  |
| 401-250-7 | 87-01-0044<br>87-06-0063<br>88-03-0044<br>88-04-0100<br>88-05-0034                             | CARTASOL TUEKIS K-ZBL BASE<br>CARTASOL TURQUOISE K-JD 2336 BASE<br>CARTASOL TURQUOISE K-ZBL BASE<br>CARTASOL TÜRKIS K-ZBL BASE<br>TURQUOISE CARTASOL K-JD 2336 BASE   |                               |  |
| 401-260-1 | 87-01-0045<br>87-06-0064<br>88-03-0043<br>88-04-0099<br>88-05-0035<br>91-11-0031               | CARTASOL TUEKIS K-ZBL KONC.<br>CARTASOL TURQUOISE K-JD 2336<br>CARTASOL TURQUOISE K-JD 2336 CONC.<br>CARTASOL TURQUOISE K-ZBL CONC.<br>CARTASOL TÜRKIS K-ZBL FLÜSSIG<br>CARTASOL TÜRKIS K-ZBL KONZ.<br>TURQUOISE CARTASOL K-JD 2336 CONC. | Xi; R 36                      | Reaction products of (tris(chloromethyl)phthalocyaninato)copper(II) with N-methylpiperazine and methoxyacetic acid |
| 401-270-6 | 87-04-0051   | C.I. REACTIVE BLUE 224  |                               |  |
| 401-280-0 | 87-04-0053<br>88-01-0073<br>88-03-0062<br>88-06-0112<br>88-08-0010<br>89-05-0072<br>90-02-0074 | CM 23-376<br>REOMET 30  | C; R 34<br>R 43<br>N; R 51-53 | 1-(N,N-bis(2-ethylhexyl)aminomethyl)-1,2,4-triazole  |
| 401-290-5 | 87-04-0087   | HOE 70542   | *                             | ethyl 1-(2,4-dichlorophenyl)-5-trichloromethyl-1,2,4-(1H)-triazol-3-carboxylate                                    |
| 401-300-8 | 87-05-0031<br>91-03-0142   | CHIMASSORB 966  |                               |  |
| 401-310-2 | 87-04-0055<br>87-06-0071<br>88-05-0051<br>96-04-0880   | BLEU MARINO SUMIFIX SUPRA BF<br>C.I. REACTIVE BLUE 222<br>REACTIVE NAVY BLUE 303<br>SF. SUPRA NAVY BLUE BF<br>SUMIFIX SUPRA NAVY BLUE BF  | *                             |  |
| 401-320-7 | 87-06-0059<br>88-02-0027<br>94-06-0613   | DURALINK (R) HTS<br>ERP-390   | R 43<br>R 52-53               | disodium S,S'-hexane-1,6-diyl-di(thiosulfate) dihydrate  |
| 401-330-1 | 87-01-0046<br>87-04-0077<br>87-05-0044<br>87-06-0083<br>88-08-0015                             | ARANCIO REATTIVO 110<br>C.I. REACTIVE ORANGE 110<br>MONOAZO ORANGE TZ 2714<br>ORANGE REACTIF 110  |                               |  |
| 401-340-6 | 87-06-0060   | F5384   | R 43<br>N; R 51-53            | methyl -((4,6-dimethoxypyrimidin-2-yl)ureidosulfonyl)-o-toluate  |
| 401-350-0 | 87-04-0056<br>89-06-0181   | CF-51   |                               |  |
| 401-360-5 | 87-06-0061<br>92-04-0507<br>94-06-0630   | 2-METHOXY-4-METHYL-6-METHYLAMINO-1,3,5-TRIAZIN<br>DPX-L5296<br>L5296  | Xn; R 22-48/22                | 4-methoxy-N,6-dimethyl-1,3,5-triazin-2-ylamine   |

| EC Number | Registration Number  | Trade Name  | Classification                    | Name in the IUPAC Nomenclature  |
|-----------|--|---|-----------------------------------|---|
| 401-380-4 | 87-01-0047   | U 9649  | Xi; R 36<br>N; R 51-53            | A mixture of: bis(4-fluorophenyl)-methyl-(1,2,4-(4H)-triazol-4-ylmethyl)silane hydrochloride;<br>bis(4-fluorophenyl)-methyl-(1,2,4-(1H)-triazol-1-ylmethyl)silane hydrochloride |
| 401-390-9 | 87-04-0058   | GREEN 100   |                                   | 2'-anilino-6'-(N-ethyl-N-hexylamino)spiro(isobenzofuran-1(1H),9'-xanthene)-3-one  |
| 401-400-1 | 87-06-0062<br>87-06-0075   | CONSUL (R)<br>CONSULT (R)<br>DOWCO 473<br>XRD 473   |                                   | 1-(3,5-dichloro-4-(1,1,2,2-tetrafluoroethoxy)phenyl)-3-(2,6-difluorobenzoyl)urea  |
| 401-410-6 | 87-04-0059   | HOSTALUX VP 3481  | Xn; R 48/22<br>R 43<br>N; R 51-53 | 1-[4-(2-dimethylaminoethylsulfonyl)-phenyl-3-(4-chlorophenyl)-4,5-dihydro-1H-pyrazole   |
| 401-420-0 | 87-01-0049<br>87-04-0074<br>87-05-0045<br>87-06-0082<br>89-08-0026<br>94-13-0004<br>95-15-0012 | C.I. REACTIVE RED 228<br>ROSSO REATTIVO 228<br>ROUGE CIBACRONE SR6005<br>ROUGE REACTIF 228                              | *                                 |   |
| 401-430-5 | 87-01-0050<br>87-04-0076<br>87-05-0043<br>87-06-0084<br>88-08-0025                             | BLEU REACTIF 232<br>BLEU REATTIVO 232<br>C.I. REACTIVE BLUE 232<br>REACTIVE BLUE 232                                    | *                                 |   |
| 401-450-4 | 87-04-0060<br>87-01-0060<br>87-06-0081<br>87-08-0005<br>88-02-0023<br>88-03-0048<br>89-05-0078 | IRGACOR 252   | R 43                              | (benzothiazol-2-ylthio)succinic acid  |
| 401-460-9 | 87-06-0065<br>90-06-0250   | 128719  | T; R 23/25<br>Xi; R 41<br>R 52-53 | 3-(1-ethyl-1-methylpropyl)-5-isoxazolamine  |
| 401-470-3 | 87-01-0048<br>87-05-0041<br>87-06-0085<br>88-04-0126<br>88-08-0024                             | BLEU DISPERSE 361<br>BLEU DISPERSO 361<br>C.I. DISPERSE BLUE 361<br>TERASIL BRILLANTBLUE FFL<br>TERASILBRILLANTBLAU FFL | R 53                              | 1,4-diamino-2-(2-butyltetrazol-5-yl)-3-cyanoanthraquinone   |
| 401-480-8 | 87-06-0066<br>87-02-0018<br>89-04-0221<br>92-02-0086   | BENTONE SD-3 RHEOLOGICAL ADDITIVE<br>RHEOLOGISCHES ADDITIV BENTONE SD-3   |                                   |   |
| 401-490-2 | 87-06-0067<br>89-01-0093   | C-1639<br>QQ  |                                   |   |

| EC Number | Registration Number  | Trade Name  | Classification   | Name in the IUPAC Nomenclature   |
|-----------|--|---|--|--|
| 401-500-5 | 87-06-0068<br>87-01-0058<br>87-04-0084<br>87-05-0038<br>88-03-0052<br>93-11-0088   | CARTASOL GEEL M-GL CONC.<br>CARTASOL GELB M-GL FLÜSSIG (ZUBEREITUNG)<br>CARTASOL GELB M-GL KONZ.<br>CARTASOL YELLOW M-GL CONC.<br>HM 2580 | *  |  |
| 401-520-4 | 87-06-0069<br>87-01-0052   | LZ-Z 3<br>Z3  | N; R 50-53   | A mixture of: copper(I) O,O-diisopropyl phosphorodithioate;<br>copper(I) O,O-bis(1,3-dimethylbutyl) phosphorodithioate;<br>copper(I) O-isopropyl O-(1,3-dimethylbutyl)phosphorodithioate |
| 401-530-9 | 87-03-0032<br>99-04-1183   | SHC 3000  | F; R 11<br>T; R 39/23/24/25<br>Xn; R 20/21/22                | Reaction product of: (2-hydroxy-4-(3-propenoxy)benzophenone and triethoxysilane) with<br>(hydrolysis product of silica and methyltrimethoxysilane)                                       |
| 401-540-3 | 87-04-0057<br>87-01-0053<br>87-02-0012<br>87-03-0033<br>87-05-0036<br>87-06-0077<br>87-08-0004<br>90-12-0019<br>93-06-0545<br>95-15-0034<br>99-16-0012 | CROMOPHTAL DPP RED BP<br>IRGAZIN DPP RED BO<br>IRGAZIN DPP ROOD BO<br>ROSSO IRGAZIN DPP BO<br>ROUGE IRGAZINE DPP BO                       |  |  |
| 401-550-8 | 89-06-0179<br>87-01-0051   | TETRACHLOROTEREPHTHALONITRILE   | R 43<br>N; R 50-53   | 1,4-dicyano-2,3,5,6-tetra-chloro-benzene   |
| 401-560-2 | 87-04-0062   | C.I. REACTIVE BLUE 225  | R 43   | lithium sodium hydrogen 4-amino-6-(5-(5-chloro-2,6-difluoropyrimidin-4-ylamino)-2-sulfonatophenylazo)-5-hydroxy-3-(4-(2-(sulfonatoxy)ethylsulfonyl)phenylazo)naphthalene-2,7-disulfonate |
| 401-570-7 | 87-06-0070   | DCEMH   | O; R 8<br>T+; R 26<br>Xn; R 22<br>C; R 34<br>R 43<br>N; R 50 | 1,3-dichloro-5-ethyl-5-methylimidazolidine-2,4-dione   |
| 401-580-1 | 87-04-0063   | PERSÄUREXYLIDIDPHENETIDID   |  | 9-(4-ethoxyphenyl)-2-(3,5-dimethylphenyl)-1,3,8,10-tetraoxoanthra(2,1,9-def:6,5,10-d'e'f')diisoquinoline   |
| 401-590-6 | 87-04-0064   | KE 1951   |  |  |
| 401-600-9 | 87-06-0072   | Y726  |  | 2-(2-(2,4-dioctyloxyphenyl)vinyl)quinoline   |
| 401-610-3 | 87-06-0073<br>93-06-0533   | GENIPLIX A  | Xn; R 22<br>Xi; R 41<br>R 42/43<br>N; R 50                   | diamminediisocyanatozinc   |
| 401-620-8 | 87-03-0034   | VIOLIFF   | R 43   | methoxycarbonyloxycyclooct-4-ene   |
| 401-630-2 | 87-04-0066   | AZYLACID-POTASSIUMSALT  | Xn; R 22<br>Xi; R 36/37<br>R 52-53                           | potassium 2-hydroxycarbazole-1-carboxylate   |

| EC Number | Registration Number  | Trade Name  | Classification                             | Name in the IUPAC Nomenclature   |
|-----------|--|---|--|--|
| 401-640-7 | 87-04-0067<br>89-06-0155<br>89-06-0157<br>89-06-0159<br>89-07-0006<br>91-06-0291<br>92-04-0429   | STANNOUS METHANE SULPHONAT<br>STANNOUS METHANE SULPHONATE<br>TIN (II) METHANE SULPHONATE<br>TIN METHANE SULPHONATE<br>TIN METHANESULFONATE<br>TIN SALT FS<br>ZINN(II) METHANESULFONATE<br>ZINN(II)-METHANSULFONAT | Xn; R 22<br>C; R 34<br>R 43                | tin(II) bis(methanesulfonate)  |
| 401-650-1 | 87-01-0054<br>87-05-0047<br>87-06-0096<br>89-04-0193<br>89-08-0038   | BRUN REACTIF 45<br>BRUNO REATTIVO 45<br>C.I. REACTIVE BROWN 45<br>CIBACROM BROWN 1347<br>CIBACRON BROWN 1347<br>REACTIVE BRAUN 45   | R 43                                       | A mixture of: hexasodium 7-(4-(4-(4-(2,5-disulfonatoanilino)-6-fluoro-1,3,5-triazin-2-ylamino)-2-methylphenylazo)-7-sulfonatonaphthylazo)naphthalene-1,3,5-trisulfonate;<br>hexasodium 7-(4-(4-(4-(2,5-disulfonatoanilino)-6-hydroxy-1,3,5-triazin-2-ylamino)-2-methylphenylazo)-7-sulfonatonaphthylazo)naphthalene-1,3,5-trisulfonate |
| 401-660-6 | 87-04-0068   | LUPRAGEN VP 9159  | Xi; R 38<br>R 43                           | 1,6-bis(nitrilo(2,2-dimethyl)propylidene)hexane  |
| 401-670-0 | 87-01-0055   | ACTF<br>P-007   | Xn; R 22<br>R 52-53                        | 3-chloro-5-trifluoromethyl-2-pyridylamine  |
| 401-680-5 | 87-04-0069<br>87-06-0091<br>88-01-0067<br>88-03-0045<br>88-05-0063<br>89-02-0041<br>91-06-0262<br>91-08-0052<br>91-08-0057<br>93-04-0584<br>93-05-0196<br>93-11-0073<br>93-11-0074<br>94-13-0013<br>95-15-0040<br>99-16-0014 | TINUVIN 171<br>TINUVIN 571  | N; R 51-53                                 | A mixture of: isomers of 2-(2H-benzotriazol-2-yl)-4-methyl-(n)-dodecylphenol;<br>isomers of 2-(2H-benzotriazol-2-yl)-4-methyl-(n)-tetracosylphenol;<br>isomers of 2-(2H-benzotriazol-2-yl)-4-methyl-5,6-didodecyl-phenol. n=5 or 6   |
| 401-700-2 | 87-04-0070<br>98-04-1058   | CYCLOHEXADECENON<br>CYCLOHEXADECENONE   | N; R 50-53                                 | A mixture of cis- and trans-cyclohexadec-8-en-1-one  |
| 401-710-7 | 87-04-0071   | ULTRAPEK KR 4175  |  | poly-(1,4-phenyleneoxy-1,4-phenylenecarbonyl-1,4-phenyleneoxy-1,4-phenylenecarbonyl-1,4-phenylenecarbonyl)   |
| 401-720-1 | 87-06-0076<br>87-06-0098   | AP-5  | Repr.Cat.2; R 60<br>Xi; R 36<br>N; R 50-53 | 2,2-bis(4'-hydroxyphenyl)-4-methylpentane  |
| 401-730-6 | 87-02-0015   | PROSULFOCARB  | Xn; R 22-48/22<br>N; R 51-53               | S-benzyl N,N-dipropylthiocarbamate   |
| 401-740-0 | 87-01-0056   | ADINE CP 31   | Xn; R 22                                   | A mixture of: 2-chloroethyl and chloropropyl 2-chloroethylphosphonate;<br>2-chloroethyl and chloropropyl 2-chloropropylphosphonate   |

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|-----------|--|--|--|--|
| 401-750-5 | 87-04-0072<br>89-06-0154<br>89-06-0156<br>89-06-0158   | LEAD (II) METHANESULFONATE<br>LEAD METHANE SULPHONATE<br>LEAD SALT FP                                | Repr.Cat.1; R 61<br>Repr.Cat.3; R 62<br>Xn; R 20/22-48/20/22<br>Xi; R 38-41<br>R 33<br>N; R 58 | lead(II) bis(methanesulfonate)   |
| 401-770-4 | 87-04-0061   | SIFOSIL  | Xn; R 22<br>C; R 34  | Condensation product of: bis[sodium(oxysilanylpropylmethoxy/ethoxyphosphonate)] and sodium metasilicate  |
| 401-780-9 | 87-05-0032<br>87-01-0057<br>87-04-0078<br>87-06-0095<br>88-03-0051<br>89-02-0037<br>93-11-0087<br>93-12-0092<br>95-15-0050 | CARTASOL GEEL K-3GL CONC.<br>CARTASOL YELLOW K-3GL CONC.<br>JAUNE CARTASOL K-3GL CONC.<br>RWA 3430 Z |  |  |
| 401-790-3 | 87-06-0078<br>88-04-0107   | DCATFOB<br>XRD 473 ANILINE   | Xn; R 22<br>N; R 50-53   | 2,6-dichloro-4-amino-(1,1,2,2-tetrafluoroethoxy)benzene  |
| 401-800-6 | 87-04-0079   | 3,5-DICHLORO-2,4-DIFLUOROBENZOYLFLUORIDE   | T; R 23<br>Xn; R 22<br>C; R 34<br>R 43<br>R 29<br>R 52-53                                      | 3,5-dichloro-2,4-difluorobenzoyl fluoride  |
| 401-810-0 | 87-04-0080   | REAKTIV-MARINEBLAU 4058  |  |  |
| 401-820-5 | 87-06-0079<br>89-01-0108   | Z-4  |  |  |
| 401-840-4 | 87-04-0081   | ETILEFRONE. HCL  | Xi; R 41<br>N; R 51-53   | 1-(3-hydroxyphenyl)-1-oxo-2-(N-benzyl-N-ethyl)aminoethane hydrochloride  |
| 401-850-9 | 87-02-0017   | X4261  | N; R 50-53   | S-(tricyclo(5.2.1.0' <sup>2</sup> .6)deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate |
| 401-860-3 | 87-04-0082   | PDG  |  |  |
| 401-870-8 | 87-04-0083   | H: SÄUREGELB 2829  | Xi; R 41<br>R 52-53  | sodium 3,5-dichloro-2-(5-cyano-2,6-bis(3-hydroxypropylamino)-4-methylpyridin-3-ylazo)benzenesulfonate  |
| 401-880-2 | 87-08-0007   | HYPERSOL YELLOW PIGMENT  |  |  |
| 401-890-7 | 87-03-0035   | MAGME 100 MONOMEER   | Carc.Cat.2; R 45<br>Muta.Cat.2; R 46<br>Xn; R 22<br>Xi; R 36                                   | methyl 2-methoxy-2-[1-oxo-2-(propenyl)amino]acetate  |

| EC Number | Registration Number  | Trade Name  | Classification  | Name in the IUPAC Nomenclature  |
|-----------|--|---|---|---|
| 401-910-4 | 87-01-0059<br>87-06-0099<br>88-04-0129<br>88-05-0048<br>88-08-0022<br>94-13-0002<br>95-15-0013 | CIBAFast N<br>CIBATEX 4458<br>COMPLEX HU 3164<br>COMPLEXE DE CUIVRE DE DISALICYLIDENE HU 3164<br>COPPER-DISALICYLIDEN COMPLEX HU 3164<br>COPPER-DISALICYLIDENE<br>COPPER-DISALICYLIDENE COMPLEX HU 3164 |   |   |
| 401-920-9 | 87-05-0037   | IVAX  | Xi; R 38<br>N; R 50-53<br>R 43                                | isobutyl 3,4-epoxybutyrate  |
| 401-930-3 | 87-06-0087   | 3-CHLORO-4,5-DIFLUOROBENZOTRIFLUORIDE   | R 10<br>Xn; R 20/22<br>N; R 50-58                             | 1-chloro-2,3-difluoro-5-(trifluoromethyl)benzene  |
| 401-940-8 | 87-04-0085<br>89-04-0176   | PK 323  | Xn; R 22<br>Xi; R 36<br>N; R 51-53                            | A mixture of: 5-heptyl-1,2,4-triazol-3-ylamine;<br>5-nonyl-1,2,4-triazol-3-ylamine  |
| 401-950-2 | 87-04-0086<br>00-06-1371   | 3-(DIMETHYLAMINO)PROPYL UREA<br>HST 2844  | Xi; R 41  | 3-(dimethylamino)propylurea   |
| 401-960-7 | 87-06-0088   | APF   |   | methyl 4-(1-((2-chloro-5-(4-(2,4-di-tert-pentylphenoxy)butylamido)phenyl)carbamoyl)-3,3-dimethyl-2-oxobutoxy)-3-methylsulfonamidobenzoate   |
| 401-970-1 | 87-03-0039   | DESBIMID  | R 43<br>N; R 50-53  | A mixture of: 1,1'-(methylenebis(4,1-phenylene))dipyrrole-2,5-dione;<br>N-(4-(4-(2,5-dioxopyrrol-1-yl)benzyl)phenyl)acetamide;<br>1-(4-(4-(5-oxo-2H-2-furylideneamino)benzyl)phenyl)pyrrole-2,5-dione |
| 401-980-6 | 87-02-0019   | DTBA  | Xi; R 38<br>R 43  | N-hexadecyl(or octadecyl)-N-hexadecyl(or octadecyl)benzamide  |
| 401-990-0 | 87-05-0039   | CHIMASSORB 119  | R 43<br>N; R 51-53  | N,N',N'',N'''-tetrakis(4,6-bis(butyl-(N-methyl-2,2,6,6-tetramethylpiperidin-4-yl)amino)triazin-2-yl)-4,7-diazadecane-1,10-diamine   |
| 402-010-4 | 87-04-0088<br>89-04-0155   | GUAIACOL-O-ETHYLBROMIDE   | Xn; R 22<br>R 52-53   | 1-(2-bromoethoxy)-2-methoxybenzene  |
| 402-020-9 | 87-01-0061<br>88-04-0110<br>88-05-0055<br>88-06-0101<br>88-08-0011<br>94-13-0005<br>95-15-0014 | BLEU REACTIF 235<br>BLEU REATTIVO 235<br>C.I. REACTIVE BLUE 235<br>REACTIVE BLUE 235<br>REAKTIV-BLAU 235  |   |   |
| 402-030-3 | 87-06-0092<br>87-03-0040<br>88-04-0118   | ETA<br>ETA 50 (50 %IGE ZUBEREITUNG)<br>O-ETHYLHYDROXYLAMINE   | F; R 11<br>T; R 23/24/25-48/23<br>Xi; R 36<br>R 43<br>N; R 50 | O-ethylhydroxylamine  |
| 402-040-8 | 87-01-0062   | Z 7   | C; R 34<br>N; R 51-53   | calcium dimethyloctadecylbenzenesulfonate   |
| 402-050-2 | 87-06-0093   | A5546   | R 43  | methyl 3-sulfamoyl-2-thiophenecarboxylate   |

| EC Number | Registration Number  | Trade Name   | Classification                               | Name in the IUPAC Nomenclature   |
|-----------|--|--|--|--|
| 402-060-7 | 87-04-0089<br>88-01-0068<br>88-03-0053<br>88-05-0052<br>88-06-0107<br>92-12-0064<br>93-11-0070<br>95-15-0047<br>99-16-0033 | 2691<br>CARTASOL BRILLANT SCHARLACH K-2GL KONZ.<br>CARTASOL BRILLANTSCHARLACH K-2GL FLÜSSIG<br>(ZUBEREITUNG)<br>CARTASOL BRILLANTSCHARLACH K-2GL GRANULAT<br>(ZUBEREITUNG)<br>CARTASOL BRILLIANT SCARLET K-2GL<br>CARTASOL BRILLIANT SCARLET K-2GL CONC. | Carc.Cat.2; R 45<br>Xi; R 41<br>N; R 51-53   | (6-(4-hydroxy-3-(2-methoxyphenylazo)-2-sulfonato-7-naphthylamino)-1,3,5-triazin-2,4-diy)bis[(amino-1-methylethyl)ammonium] formate   |
| 402-070-1 | 95-14-0006<br>87-04-0090   | UVINUL T 150   | *  | tris(2-ethylhexyl) (1,3,5-triazine-2,4,6-triyltriimino)tribenzoate   |
| 402-090-0 | 87-04-0091   | MPA  | C; R 34                                      | A mixture of: pentyl methylphosphinate;<br>2-methylbutyl methylphosphinate   |
| 402-100-3 | 88-01-0063<br>88-04-0102<br>88-05-0053<br>88-06-0110<br>88-08-0012<br>94-13-0003<br>95-15-0015                             | C.I. REACTIVE YELLOW 168<br>GIALLO REATTIVO 168<br>JAUNE REACTIF 168<br>REACTIVE YELLOW 168  |  |  |
| 402-110-8 | 88-01-0064<br>88-04-0127<br>88-05-0054<br>88-06-0111<br>88-08-0017<br>95-15-0016   | C.I. REACTIVE RED 235<br>CIBACRON-ROT C-B<br>ROSSO REATTIVO 235<br>ROUGE REACTIF 235   | *  |  |
| 402-120-2 | 88-04-0092   | HOSTALUX VP 3481-1 HOSTALUX N2R  | Xn; R 48/22<br>C; R 34<br>R 43<br>N; R 50-53 | 2-(4-(3-(4-chlorophenyl)-2-pyrazolin-1-yl)phenylsulfonyl)ethyldimethylammonium formate   |
| 402-130-7 | 88-04-0094<br>88-01-0066<br>88-05-0050<br>88-06-0115   | 4,4'-METHYLEN-BIS-(3-CHLOR-2,6-DIETHYLANILIN)<br>LONZACURE (R) CEDA<br>LONZACURE (R) MCDEA<br>LONZACURE M-CDEA   |  |  |
| 402-140-1 | 88-05-0046<br>88-02-0022<br>88-04-0124<br>89-04-0209<br>91-02-0078<br>96-03-0341   | CHMMS<br>CHMS<br>DYNASYLAN 9407<br>Z-6187  | Xi; R 38<br>N; R 51-53                       | cyclohexyldimethoxymethylsilane  |
| 402-150-6 | 88-06-0100   | C.I. REACTIVE RED 231  | Xi; R 36<br>R 43                             | tripotassium/trisodium 5-(4-chloro-6-(N-(4-(4-chloro-6-(5-hydroxy-2,7-disulfonato-6-(2-sulfonatophenylazo)-4-naphthylamino)-1,3,5-triazin-2-yl)-(N-methyl)amino)phenyl)amino)-1,3,5-triazin-2-ylamino)-4-hydroxy-3-(2-sulfonatophenylazo)naphthalene-2,7-disulfonate |
| 402-160-0 | 88-07-0001<br>88-06-0131   | TFA LYS-PRO TOSYLATE<br>TFA LYSYL PROLINE PARA-TOLUENE SULPHONATE  |  | 1-(N6-trifluoroacetyl-L-lysyl)-L-proline-mono-p-toluenesulfonate   |

| EC Number | Registration Number  | Trade Name   | Classification   | Name in the IUPAC Nomenclature  |
|-----------|--|--|--|---|
| 402-170-5 | 88-01-0065<br>88-04-0128<br>88-05-0059<br>88-06-0117<br>88-12-0001<br>89-08-0040   | C.I. REACTIVE YELLOW 174<br>GIALLO REATTIVO 174<br>JAUNE REACTIF 174<br>REAKTIV GELB 174 | R 43   | trisodium 7-(4-(4-fluoro-6-(2-(2-vinylsulfonylethoxy)ethylamino)-1,3,5-triazine-2-ylamino)-2-ureidophenylazo)naphthalene-1,3,6-trisulfonate |
| 402-190-4 | 88-03-0041<br>95-06-0752   | WL 125892  | T; R 48/25<br>Xn; R 22<br>Xi; R 41<br>R 43<br>N; R 50-53 | 4-(2-chloro-4-trifluoromethyl)phenoxy-2-fluoroaniline hydrochloride   |
| 402-200-7 | 88-06-0102   | QUANTACURE QTX   |  | (2-hydroxy-3-(3,4-dimethyl-9-oxo-10-thiaanthracen-2-yloxy)propyl)trimethylammonium chloride   |
| 402-210-1 | 88-06-0103   | DBBT   | Xn; R 48/22<br>R 43<br>N; R 50-53                        | A mixture of isomers of: bromobenzylbromotoluene  |
| 402-220-6 | 88-04-0097   | SOLVENTGELB 4235   |  |   |
| 402-230-0 | 88-06-0105   | FAP  | Carc.Cat.2; R 45<br>Xn; R 22<br>R 43<br>N; R 51-53       | 4-amino-3-fluorophenol  |
| 402-240-5 | 88-06-0106<br>88-03-0050<br>88-04-0143<br>89-01-0085<br>89-02-0038<br>89-03-0073<br>89-03-0090<br>89-04-0161<br>89-04-0172<br>89-04-0182<br>89-04-0222<br>89-05-0074<br>89-06-0149<br>89-08-0032<br>89-11-0002<br>90-01-0127<br>90-02-0062<br>90-02-0063<br>90-03-0100<br>90-03-0101<br>90-03-0115<br>90-04-0244<br>90-04-0258 | BONTRON P-51   | Xn; R 20<br>N; R 51-53                                   | benzyltributylammonium 4-hydroxynaphthalene-1-sulfonate   |



| EC Number | Registration Number  | Trade Name                      | Classification            | Name in the IUPAC Nomenclature   |
|-----------|--|---------------------------------|---------------------------|--|
|           | 90-04-0285<br>90-06-0209<br>90-10-0001<br>90-11-0012<br>91-06-0264<br>91-06-0273<br>91-06-0324<br>92-01-0186<br>92-02-0104<br>92-03-0178<br>92-03-0211<br>92-04-0422<br>92-04-0433<br>92-08-0077<br>92-11-0045<br>92-11-0055<br>92-12-0057<br>92-12-0061<br>94-01-0325<br>94-02-0145<br>94-03-0286<br>94-03-0293<br>94-04-0688<br>94-04-0689<br>94-04-0691<br>94-05-0249<br>94-05-0250<br>94-06-0618<br>94-12-0110<br>95-02-0157<br>95-04-0718<br>95-04-0720<br>96-15-0064 |                                 |                           |  |
| 402-260-4 | 88-03-0047<br>00-04-1229   | AGK 5840<br>UY 313              | E; R 2<br>R 53            | 2-(4,4-dimethyl-2,5-dioxooxazolidin-1-yl)-2'-chloro-5'-(2-(2,4-di-tert-pentylphenoxy)butyramido)-4,4-dimethyl-3-oxovaleranimide  |
| 402-270-9 | 88-04-0098   | ULTRAPEK KR 4175 E 2            |                           | Condensation products of: 4,4'-diphenoxybenzophenone, terephthaloyl dichloride and 4-phenoxybenzophenone   |
| 402-280-3 | 88-06-0108<br>89-01-0110   | Z-6                             | Xi; R 36/38<br>N; R 51-53 | zinc 2-hydroxy-5-(C13-C18)-alkylbenzoate   |
| 402-290-8 | 88-06-0109   | ALKYL ISOCYANATE SILANE SCD 617 | R 10<br>R 42/43           | A mixture of: S-(3-trimethoxysilyl)propyl 19-isocyanato-11-(6-isocyanatohexyl)-10,12-dioxo-2,9,11,13-tetraazonadecanethioate;<br>S-(3-(trimethoxysilyl)propyl 17-isocyanato-9-(isocyanatohexyl-aminocarbonyl)-10-oxo-2,9,11-triazaheptadecanethioate |
| 402-300-0 | 88-04-0101   | BLACK 300<br>BLACK#300          |                           | 2'-anilino-6'-(N-ethyl-N-hexylamino)-3'-methylspiro(isobenzofuran-1(1H),9'-xanthen)-3-one  |
| 402-310-5 | 88-03-0049   | LAVONAX                         |                           |  |

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|-----------|--|---|---|--|
| 402-330-4 | 88-04-0105<br>88-06-0121<br>89-05-0070<br>96-04-0852   | C.I. REACTIVE YELLOW 167<br>REACTIVE YELLOW 504<br>SUMIFIX SUPRA BRILLIANT GELB 3GF<br>SUMIFIX SUPRA BRILLIANT YELLOW 3GF |   |  |
| 402-340-9 | 88-04-0106   | IRGACURE 261  | R 52-53   | (-cyclopentadienyl)(-cumenyl)iron(1+) hexafluorophosphate(1-)  |
| 402-350-3 | 88-06-0113<br>92-01-0196   | C-1658  | *   |  |
| 402-360-8 | 88-06-0114<br>88-06-0128   | DIDA  | Xi; R 41  | disodium N-carboxymethyl-N-(2-(2-hydroxyethoxy)ethyl)glycinate   |
| 402-370-2 | 88-06-0116   | AOC 1020X   | R 10<br>Xi; R 41  | (ethyl-3-oxobutanoato-O'1,O'3)(2-dimethylaminoethanolato)(1-methoxypropan-2-olato)aluminium(III), dimerised  |
| 402-380-7 | 88-01-0069<br>88-05-0062<br>88-06-0123<br>88-12-0002<br>89-04-0194<br>89-08-0037                             | BIS-STYRYL BRIGHTENER 4409<br>TINOPAL 4409  |   |  |
| 402-390-1 | 88-01-0070   | DIURETHANNE XPU 6734  |   | Reaction products of: 2,4-bis[(2-N,N-hydrogenated tallow-aminoethyl)carbamoyl]toluene and 2,6-bis[(2-N,N-hydrogenated tallow-aminoethyl)carbamoyl]toluene with methyl chloride |
| 402-400-4 | 88-04-0109<br>88-01-0077<br>88-02-0026<br>88-03-0064<br>88-06-0126<br>89-05-0073<br>90-12-0016<br>94-06-0585 | IRGAZIN DPP RED 5G<br>IRGAZIN DPP SCARLET EK<br>IRGAZINE DPP ROUGE 5G<br>ROSSO IRGAZIN DPP 5G<br>ROUGE IRGAZINE DPP-5G    |   |  |
| 402-410-9 | 88-03-0054<br>90-06-0201   | ARGOLD<br>CINMETHYLIN<br>WL 95481   | Xn; R 20<br>N; R 51-53                                      | exo-(+/-)-1-methyl-4-(1-methylethyl)-2-[(2-methylphenyl)methoxy]-7-oxabicyclo[2.2.1]heptane  |
| 402-420-3 | 88-04-0112<br>92-04-0485<br>99-01-0582   | REAKTIV ROT F 52 167 FW<br>REAKTIVROT 2540<br>RED RN 1941   |   |  |
| 402-430-8 | 88-04-0115   | C.I. DISPERSE BLUE 367  | R 53  | N-(5-(bis(2-methoxyethyl)amino)-2-((5-nitro-2,1-benzisothiazol-3-yl)azo)phenyl)acetamide   |
| 402-440-2 | 88-03-0055   | M-TMI   | T+; R 26<br>Xn; R 48/20<br>C; R 34<br>R 42/43<br>N; R 50-53 | 1-(1-isocyanato-1-methylethyl)-3-(1-methylethenyl)benzene  |
| 402-450-7 | 88-04-0116   | REAKTIV-BLAU F 65 228 FW  |   | tetrasodium N,N'-(6,13-dichloro-4,11-bis(2-(sulfonatooxy)ethylsulfonyl)-5,12-dioxa-7,14-diazapentacene-3,10-diylbis(iminoethylene))disuccinamate                               |
| 402-460-1 | 88-04-0117<br>88-06-0133   | OA 8523   | Xi; R 38<br>R 43<br>R 53                                    | (C16 or C18-n-alkyl)(C16 or C18-n-alkyl)ammonium 2-((C16 or C18-n-alkyl)(C16 or C18-n-alkyl)carbamoyl)benzenesulfonate   |

| EC Number | Registration Number  | Trade Name   | Classification                                | Name in the IUPAC Nomenclature  |
|-----------|--|--|---|---|
| 402-470-6 | 88-06-0118   | CINEOLE ALCOHOL  | Xn; R 22<br>Xi; R 41                          | exo-1-methyl-4-(1-methylethyl)-7-oxabicyclo[2.2.1]heptan-2-ol   |
| 402-480-0 | 88-01-0071<br>88-05-0065<br>88-06-0129<br>88-12-0003<br>89-04-0178<br>89-08-0036                             | AZO GELB 2498<br>AZO YELLOW 2498<br>GIALLO AZO 2498<br>JAUNE AZO 2498  |   |   |
| 402-490-5 | 88-01-0072<br>88-05-0068<br>88-06-0136<br>88-12-0006<br>89-04-0177<br>89-08-0035                             | AZURANT PYRAZOLINE MR 5401<br>PYRAZOLINE BRIGHTENER MR 5401<br>UVITEX 4457   | Xi; R 36<br>N; R 50-53                        | 2-(4-(3-(4-chlorophenyl)-4,5-dihydropyrazolyl)phenylsulfonyl)ethyltrimethylammonium hydrogen phosphonate                          |
| 402-500-8 | 88-04-0120   | SÄUREBLAU 82 226   | Xi; R 41<br>N; R 51-53                        | trisodium (6-anilino-2-(5-nitro-2-oxidophenylazo)-3-sulfonato-1-naphtholato)(4-sulfonato-1,1'-azodi-2,2'-naphtholato)chromate(1-) |
| 402-510-2 | 88-06-0119<br>91-01-0172   | 80 AFR<br>C-987  | N; R 51-53                                    | N-(3,5-dichloro-4-ethyl-2-hydroxyphenyl)-2-(3-pentadecylphenoxy)-butanamide   |
| 402-520-7 | 88-03-0056   | ORRINIFF   | Xn; R 21/22<br>Xi; R 38<br>R 43<br>N; R 50-53 | A mixture of isomers of: 4-(1(or 4 or 5 or 6)-methyl-8,9,10-trinorborn-5-en-2-yl)pyridine   |
| 402-530-1 | 88-05-0057<br>88-01-0079<br>88-03-0066<br>88-04-0140<br>88-06-0134<br>91-12-0051<br>92-11-0049<br>95-15-0042 | 3260<br>3260-K<br>AMARELO CARTASOL 3 GSF CONC.<br>CARTASOL GELB 3 GSF<br>CARTASOL GELB 3 GSF FLÜSSIG<br>CARTASOL GELB 3 GSF KONZ.<br>CARTASOL GELB 3 GSF KÖRNIG<br>CARTASOL YELLOW 3 GSF<br>CARTASOL YELLOW 3 GSF CONC.<br>GIALLO CARTASOL GSF CONC. |   |   |
| 402-540-6 | 88-04-0122   | CM 22-447  | C; R 34<br>R 43<br>N; R 50-53                 | 3-(bis(2-ethylhexyl)aminomethyl)benzothiazole-2(3H)-thione  |
| 402-550-0 | 88-01-0075   | ADINE BBH 44   |   | perbromo-N,N'-biphtalimide  |
| 402-560-5 | 88-03-0057   | HALOXYFOP ETHOXYETHYL EST  | Xn; R 22<br>N; R 50-53                        | 2-ethoxyethyl 2-(4-(3-chloro-5-trifluoromethyl-2-pyridyloxy)phenoxy)propionate  |
| 402-580-4 | 88-04-0123   | ALKYLSILANE TZ 01748<br>EURENOR(R) 5020  | R 10<br>Xn; R 20<br>Xi; R 38                  | isobutylisopropyldimethoxysilane  |

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|-----------|--|---|-----------------------------------|--|
| 402-590-9 | 88-01-0074<br>88-05-0066<br>88-06-0132<br>88-12-0004<br>89-04-0170<br>89-08-0030<br>94-13-0001<br>95-15-0017 | BLEU DIOXAZINA ST 7005<br>BLEU DIOXAZINE ST 7005<br>DIOXAZIN BLAU ST 7005<br>DIOXAZINE BLUE ST 7005 | *                                 |  |
| 402-600-1 | 88-02-0024<br>97-04-0918   | RAPICURE DVE-3<br>TRIETHYLENGLYKOLDIVINYLETHER  |                                   |  |
| 402-610-6 | 88-04-0125<br>00-04-1325   | B 2049  | Xn; R 22<br>C; R 34<br>N; R 50-53 | benzyl-2-hydroxydodecyldimethylammonium benzoate   |
| 402-620-0 | 88-06-0120   | THIXATROL SR 100  |                                   |  |
| 402-630-5 | 88-06-0122   | MG1   |                                   |  |
| 402-650-4 | 88-04-0131<br>92-04-0436   | BETA-DIMETHYLAMIMO ACRYLIC ACID ETHYLESTER  | R 43                              | ethyl trans-3-dimethylaminoacrylate  |
| 402-660-9 | 88-06-0124   | DYE K   | *                                 | A mixture of: disodium 4-(3-ethoxycarbonyl-4-(5-(3-ethoxycarbonyl-5-hydroxy-1-(4-sulfonatophenyl)pyrazol-4-yl)penta-2,4-dienylidene)-4,5-dihydro-5-oxopyrazol-1-yl)benzenesulfonate;<br>trisodium 4-(3-ethoxycarbonyl-4-(5-(3-ethoxycarbonyl-5-oxido-1-(4-sulfonatophenyl)pyrazol-4-yl)penta-2,4-dienylidene)-4,5-dihydro-5-oxopyrazol-1-yl)benzenesulfonate |
| 402-670-3 | 88-04-0132<br>92-04-0499<br>93-01-0242<br>93-03-0232<br>93-05-0206<br>93-06-0440<br>93-11-0104               | DAROCUR (R) 2959<br>DAROCUR 2959  |                                   | 2-hydroxy-4'-hydroxyethoxy-2-methylpropiophenone   |
| 402-680-8 | 88-03-0059   | ENS 119   | Xn; R 22<br>R 52-53               | 1-butyl-2-methylpyridinium bromide   |
| 402-690-2 | 88-03-0060   | ENS 125   | Xn; R 21/22<br>R 52-53            | 2-methyl-1-pentylpyridinium bromide  |
| 402-700-5 | 88-04-0133<br>95-06-0759   | BAYMICRON VERSUCHSPRODUKT SN 2601<br>PERGASCRIP BLACK 20223   |                                   | 2-phenyl-4-(4-diethylaminophenyl)-4-(4-methoxyphenyl)-6-methyl-7-dimethylamino-4H-benz[3,1]oxazine   |
| 402-720-4 | 88-06-0125   | NC 9770   |                                   | (+/-)-2,3-dihydro-2-hydroxy-3,3-dimethylbenzofuran-5-ylethanesulfonate   |
| 402-730-9 | 88-04-0134<br>98-04-1092   | KS-232  | N; R 50-53                        | 1,2-bis(3-methylphenoxy)ethane   |

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|-----------|--|---|--------------------------------------|---|
| 402-740-3 | 88-01-0076<br>88-04-0145<br>88-05-0067<br>88-06-0135<br>88-12-0005<br>89-08-0029<br>95-15-0018<br>99-16-0009 | C.I. REACTIVE YELLOW 175<br>CIBACRON GELB C-5G<br>CIBACRON YELLOW C-5G<br>GIALLO REATTIVO 175<br>JAUNE REACTIF 175<br>REACTIVE YELLOW 175   |                                      |   |
| 402-750-8 | 88-04-0135   | BK 2256   |                                      |   |
| 402-760-2 | 88-06-0130   | 241 AJG   |                                      |   |
| 402-770-7 | 88-03-0061   | PAMPLEFLEUR   | R 43<br>N; R 51-53                   | 2-methyl-4-phenylpentanol   |
| 402-780-1 | 88-04-0136   | BAS 514 H   | R 43                                 | 3,7-dichloroquinoline-8-carboxylic acid   |
| 402-790-6 | 88-04-0137   | BAS 518 H   |                                      | 7-chloro-3-methylquinoline-8-carboxylic acid  |
| 402-800-9 | 88-03-0063   | ENS 122   | *                                    |   |
| 402-810-3 | 88-04-0138   | DYNASILAN BH N<br>DYNASILAN BSM 100 N<br>DYNASILAN NH 42  | Xi; R 38                             | triethoxyisobutylsilane   |
| 402-820-8 | 88-04-0139   | LICHTSCHUTZMITTEL 1126  |                                      |   |
| 402-830-2 | 88-01-0078<br>89-03-0067<br>89-04-0163<br>89-05-0071<br>89-06-0140<br>90-02-0053<br>93-11-0090<br>93-12-0087 | DRIMAREN BRILLANTGRÜN X-VT 4260<br>DRIMAREN BRILLANTGRÜN X-6BL FLÜSSIG<br>DRIMAREN BRILLANTGRÜN X-6BL GRANULAT<br>DRIMAREN BRILLANTGRÜN X-6BL GRANULAT (CDG)<br>DRIMAREN BRILLANTGRÜN X-6BL KONZ.<br>DRIMAREN BRILLIANT GREEN X-6BL CONC.<br>DRIMAREN BRILLIANTGRUEN X-6BL CONC.<br>DRIMARENE BRILLIANT X-6BL CONC.<br>DRIMARENE BRILLIANT GREEN X-6BL CONC.<br>DRIMARENE BRILLIANT GREEN X-VT 4260<br>VERT BRILLANT DRIMARENE X-6BL<br>VERT BRILLANT DRIMARENE X-VT 4260 |                                      |   |
| 402-840-7 | 88-03-0065   | D,L-VALINEAMIDE   | Repr.Cat.3; R 62<br>Xi; R 36<br>R 43 | valinamide  |
| 402-850-1 | 90-11-0010<br>88-05-0064<br>89-01-0088<br>89-03-0071<br>89-04-0167<br>89-06-0147                             | NOIR SANDODERM HH 1050<br>SANDODERM BLACK HH 1050<br>SANDODERM BLACK R<br>SANDODERM BLACK R CONC.<br>SANDODERM SCHWARZ R<br>SANDODERM SCHWARZ R KONZ.   | Xi; R 41<br>R 52-53                  | A 2:1:1 mixture of: trisodium N(1')-N(2):N(1'')-N(2'')- 6-[2-amino-4-(or 6)-hydroxy-(or 4-amino-2-hydroxy)phenylazo]-6''-(1-carbaniloyl-2-hydroxyprop-1-enylazo)-5',5'''-disulfamoyl-3,3''-disulfonatobis(naphthalene-2,1'-azobenzene-1,2'-diolato-O(1),O(2'))-chromate; trisodium N(1')-N(2):N(1'')-N(2'')- 6,6''-bis(1-carbaniloyl-2-hydroxyprop-1-enylazo)-5',5'''-disulfamoyl-3,3''-disulfonatobis(naphthalene-2,1'azobenzene-1,2'-diolato-O(1),O(2'))-chromate; trisodium N(1')-N(2):N(1'')-N(2'')- 6,6''-bis[2-amino-4-(or 6)-hydroxy-(or 4-amino-2-hydroxy)phenylazo]5',5'''-disulfamoyl-3,3''-disulfonatobis(naphthalene-2,1'azobenzene-1,2'-diolato-O(1),O(2'))-chromate |

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|-----------|--|--|------------------------|--|
| 402-860-6 | 88-05-0058<br>90-04-0232<br>91-01-0152<br>91-02-0091<br>91-03-0141<br>91-06-0269<br>91-08-0055<br>92-11-0041 | CG 25-1320<br>IRGANOX 1520<br>TK 12229/1   |                        | 4,6-bis(octylthiomethyl)-o-cresol  |
| 402-870-0 | 88-01-0080<br>89-04-0224<br>89-06-0176<br>89-08-0042<br>89-12-0012<br>90-05-0090                             | ACID BLUE 349<br>AZO-METALCOMPLEX-BLUE AP 1149<br>BLEU ACIDE 349<br>C.I. ACID BLUE 349<br>SELLASET BLEU H<br>SELLASET BLUE H | Xi; R 41<br>R 52-53    | trisodium bis(2-(5-chloro-4-nitro-2-oxidophenylazo)-5-sulfonato-1-naphtholato)chromate(1-)   |
| 402-880-5 | 88-04-0146<br>89-01-0092<br>89-05-0076<br>89-06-0144<br>89-08-0031<br>89-12-0007                             | IRGAPADOL C<br>TRIAZINA TRIS SULFANILATO 4469<br>TRIAZINE-TRIS-SULFANILATE 4469<br>TRIAZINE-TRIS-SULPHANILATE 4469           |                        |  |
| 402-900-2 | 88-04-0147   | HOSTATEC   |                        | poly(oxy-1,4-phenylenoxy-1,4-phenyleneterephthaloyl-1,4-phenylene)   |
| 402-910-7 | 88-04-0148   | HOE T 3660   |                        | 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 3-dibutylaminopropionate  |
| 402-920-1 | 92-07-0038<br>88-01-0081<br>93-02-0127<br>96-04-0806   | N-6-TRIFLUORACETYL-L-LYSYL-L-PROLIN<br>T.F.A. LYS PRO<br>TFA-LYS-PRO   | *                      | N-(N6-trifluoroacetyl-L-lysyl)-L-proline   |
| 402-930-6 | 88-06-0137   | TINUVIN 840  |                        | hexane-1,6-diyl bis(3-(3-benzotriazol-2-yl-5-tert-butyl-4-hydroxyphenyl)propionate)  |
| 402-940-0 | 88-04-0149<br>91-01-0153<br>91-03-0143<br>91-05-0133<br>91-06-0270<br>91-08-0058<br>91-11-0042               | TINUVIN 780  | Xi; R 36<br>R 52-53    | bis(2,2,6,6-tetramethyl-4-piperidyl) succinate   |
| 402-950-5 | 88-06-0138<br>91-02-0075<br>97-01-0462   | DISORBENE M<br>GENISET MD<br>MILLAD 3940   |                        | 1-(2,6-bis(4-tolyl)-1,3-dioxano(5,4-d)-1,3-dioxan-4-yl)ethane-1,2-diol   |
| 402-970-4 | 88-04-0150   | 2-BUTANEDIOIC ACID, MONOAMIDE WITH N-(9-OCTADECENYL)-3-AMINO   | R 43<br>N; R 51-53     | hydrogen sodium N-carboxylatoethyl-N-octadec-9-enylmaleamate   |
| 402-980-9 | 88-04-0151   | DISPERSIONSROT F 63 237  |                        | 2,2'-(4-(3,5-dicyano-4-tolylazo)-3-propionamidophenylimino)diethyl diacetate   |
| 402-990-3 | 89-05-0060   | ESACURE KIP 100  |                        | A mixture mainly based on: 2,3-dihydro-6-(2-hydroxy-2-methyl-1-oxopropyl)-1,1,3-trimethyl-3-[4-(2-hydroxy-2-methyl-1-oxopropyl)phenyl]-1H-indene;<br>2,3-dihydro-5-(2-hydroxy-2-methyl-1-oxopropyl)-1,1,3-trimethyl-3-[4-(2-hydroxy-2-methyl-1-oxopropyl)phenyl]-1H-indene |
| 403-000-2 | 89-04-0156<br>94-04-0665   | HOMOFARNESYLSÄURE  | Xi; R 38<br>N; R 50-53 | A mixture of isomers of: 4,8,12-trimethyltrideca-3,7,11-trienoic acid  |

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|-----------|--|--|------------------------------------|--|
| 403-010-7 | 89-01-0083<br>90-05-0097<br>90-06-0190<br>90-12-0013<br>91-04-0372<br>91-08-0068               | BLEU DISPERSE 370<br>BLEU DISPERSO 370<br>BLEU LIP 6994<br>C.I. DISPERSE BLUE 370<br>DISPERS BLAU 370<br>DISPERSE BLUE 370 | R 43<br>R 52-53                    | N-[2-((2-cyano-4,6-dinitrophenyl)azo)-5-(dipropylamino)phenyl]propanamide  |
| 403-020-1 | 88-02-0029   | ETHANOX 398 ANTIOXIDANT  |                                    |  |
| 403-030-6 | 89-06-0139   | ROBAC AS/100   | Xn; R 22<br>R 43<br>N; R 50-53     | A mixture of: O,O-di(1-methylethyl)trithio-bis-thioformate;<br>O,O-di(1-methylethyl)tetrathio-bis-thioformate;<br>O,O-di(1-methylethyl)pentathio-bis-thioformate |
| 403-040-0 | 93-05-0212<br>89-04-0159<br>93-11-0072   | GCLE   | *                                  | 4-methoxybenzyl 3-chloromethyl-5-oxo-6-phenylacetamido-(2H)5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate   |
| 403-050-5 | 89-04-0162   | HOSTINERT 216  |                                    | A 3: 1 mixture of: perfluoro(5,8,9,12-tetramethyl-4,7,10,13-tetraoxahexadecane);<br>perfluoro(5,6,9,12-tetramethyl-4,7,10,13-tetraoxahexadecane)                 |
| 403-070-4 | 89-04-0154   | KEINE  | C; R 34<br>R 43                    | diphosphonomethyl-butanedioic acid   |
| 403-080-9 | 89-01-0084<br>89-04-0225<br>89-05-0080<br>89-06-0153<br>89-12-0009<br>91-08-0066<br>95-15-0019 | BENZTRIAZOL UV ABSORBER BUK 4499<br>BUK 4499<br>UV ABSORBER BUK 4499   | Xi; R 41                           | sodium 3-(2H-benzotriazol-2-yl)-5-sec-butyl-4-hydroxybenzenesulfonate  |
| 403-090-3 | 89-06-0141   | SCARLET S-BH 7292  |                                    |  |
| 403-100-6 | 89-06-0142<br>89-01-0098<br>89-04-0226<br>89-05-0079<br>89-08-0034<br>89-12-0008               | C.I. ACID RED 127<br>ROSSO ACIDO 127<br>ROUGE ACIDE 127<br>SÄURE ROT 127   |                                    |  |
| 403-110-0 | 89-03-0069   | UM-227   |                                    |  |
| 403-120-5 | 89-03-0070   | ENS 123/NT-4   |                                    |  |
| 403-140-4 | 88-04-0142   | MAJANTOL   | R 52-53                            | 3-(2,2-dimethyl-3-hydroxypropyl)toluene  |
| 403-150-9 | 89-05-0061   | ESACURE TZT 100  | Xn; R 22<br>Xi; R 36<br>N; R 50-53 | 2,4,6-trimethylbenzophenone  |
| 403-160-3 | 89-01-0086   | FORAFAC 1216 N   |                                    |  |

| EC Number | Registration Number  | Trade Name   | Classification   | Name in the IUPAC Nomenclature   |
|-----------|--|--|--|--|
| 403-170-8 | 89-04-0165<br>89-06-0160<br>90-01-0126<br>90-03-0096<br>90-05-0091<br>90-12-0017<br>91-02-0071<br>91-08-0054<br>95-15-0035 | BRUN CROMOPHTAL RBN<br>CROMOPHTAL (R) BROWN RBN<br>CROMOPHTAL BRAUN RBN<br>CROMOPHTAL BROWN RBN        |  |  |
| 403-180-2 | 89-06-0145   | AA70   |  |  |
| 403-190-7 | 89-01-0087<br>90-05-0102<br>90-06-0189<br>90-12-0015<br>91-04-0374<br>91-08-0062   | C.I. DISPERSE YELLOW 244<br>DISPERS GELB 244<br>JAUNE DISPERSE 244<br>MONOAZO DISPERSE YELLOW LIP 7091 |  |  |
| 403-210-4 | 89-04-0171   | PIGMENTBLAU 1755   | Xi; R 41<br>N; R 51-53   | tris(octadec-9-enylammonium) (trisulfonatophthalocyaninato)copper(II)  |
| 403-220-9 | 88-04-0119   | P2T  |  |  |
| 403-230-3 | 89-03-0072   | MAGME(R) 200 MONOMER   | Carc.Cat.2; R 45<br>Muta.Cat.2; R 46<br>C; R 34<br>R 43        | methyl 2-hydroxy-2-(1-oxo-2-propenylamino)acetate  |
| 403-240-8 | 89-02-0031   | DM-C-TDA   | Xn; R 22<br>R 43<br>N; R 50-53                                 | A mixture of: 3,5-dimethylthio-2,4-toluenediamine;<br>3,5-dimethylthio-2,6-toluenediamine  |
| 403-250-2 | 89-01-0089   | R 7623 TECHNICAL   | Carc.Cat.3; R 40<br>Repr.Cat.2; R 61<br>Xn; R 22<br>N; R 51-53 | A mixture of: 4-[[bis-(4-fluorophenyl)methylsilyl]methyl]-4H-1,2,4-triazole;<br>1-[[bis-(4-fluorophenyl)methylsilyl]methyl]-1H-1,2,4-triazole    |
| 403-260-7 | 89-03-0074   | TITANYL OXALAAT  | Xi; R 41   | titanium(4+) oxalate   |
| 403-270-1 | 89-04-0173   | G 18-1108  | Xn; R 22<br>N; R 51-53   | methyl 3-(3-tert-butyl-4-hydroxy-5-methylphenyl)propionate   |
| 403-280-6 | 89-04-0174   | REACTIVE RED FC 40965  |  |  |
| 403-290-0 | 89-05-0075   | MHB  |  | 1,3,5-triazine-2,4,6-triyltriamine, monohydrobromide   |
| 403-300-3 | 89-06-0148   | BIOPOL HX  | R 43   | poly-(R)-(3-hydroxybutyric acid-co-3-hydroxyvaleric acid) (containing 27% hydroxyvalerate)   |
| 403-310-8 | 92-02-0108<br>89-04-0175   | APEC HT<br>APEC-VERSUCHSPRODUKT KU 1-9330 UP TO -9360  |  | poly(oxycarbonyloxy-1,4-phenylene-1,1-(3,3,5-trimethyl)cyclohexylidene-1,4-phenylene-co-oxycarbonyloxy-1,4-phenylenisopropylidene-1,4-phenylene) |
| 403-320-2 | 88-04-0152   | LUPEROX 533  | E; R 2<br>O; R 7<br>R 10<br>N; R 51-53                         | ethyl 3,3-bis[(1,1-dimethylpropyl)peroxy]butyrate  |
| 403-330-7 | 89-06-0150   | HMPSC  | Xi; R 41<br>N; R 50-53   | 4,4'-thiodi-o-cresol   |



| EC Number | Registration Number  | Trade Name   | Classification                    | Name in the IUPAC Nomenclature  |
|-----------|--|--|-----------------------------------|---|
| 403-340-1 | 89-05-0077<br>89-01-0100<br>89-03-0084<br>89-04-0196<br>89-06-0164<br>93-11-0089<br>93-12-0088<br>95-15-0043   | CARTASOL BRILLIANT YELLOW K-6G<br>CARTASOL BRILLIANT YELLOW K-6G CONC.<br>GIALLO BRILLANTE CARTASOL K-6G CONC.<br>JAUNE BRILLANT CARTASOL K-RWA 3904<br>RWA 3904 | Xi; R 41<br>N; R 51-53            | N,N,N',N'-tetramethyl-3,3'-(propylenebis(iminocarbonyl-4,1-phenylenazo(1,6-dihydro-2-hydroxy-4-methyl-6-oxopyridine-3,1-diyl)))di(propylammonium) dilactate |
| 403-350-6 | 89-02-0032   | T 1049   | T; R 25<br>N; R 51-53             | 1,3-dichloro-2-methoxy-5-nitrobenzene   |
| 403-360-0 | 89-01-0091<br>00-02-0264<br>00-03-0479<br>01-04-1354<br>01-11-0176<br>89-01-0102<br>89-04-0158<br>89-04-0189<br>89-04-0201<br>89-04-0202<br>89-04-0210<br>89-05-0085<br>89-06-0163<br>89-06-0183<br>90-01-0125<br>90-01-0133<br>90-01-0134<br>90-02-0056<br>90-02-0057<br>90-03-0095<br>90-03-0105<br>90-04-0239<br>90-05-0094<br>90-06-0199<br>90-06-0228<br>90-08-0051<br>90-11-0005<br>90-11-0006<br>91-01-0151<br>91-03-0157<br>91-03-0172<br>92-11-0046<br>92-12-0058<br>96-04-0890 | BONTRON E-84<br>E-84   | F; R 11<br>Xn; R 22<br>N; R 50-53 | bis(3,5-bis(1,1-dimethylethyl)-2-hydroxybenzoato-O1,O2)zinc   |

| EC Number | Registration Number  | Trade Name  | Classification         | Name in the IUPAC Nomenclature   |
|-----------|--|---|------------------------|--|
|           | 97-03-0384<br>97-04-0907<br>98-01-0522<br>98-03-0404<br>98-04-1047<br>98-06-1075                             |   |                        |  |
| 403-370-5 | 89-03-0075   | BKI   |                        | N,N'-bis(diphenylethenylidene)-1,4-benzenediamine  |
| 403-390-4 | 89-04-0179   | 4,4'-DIPHENOXYBENZOPHENON   |                        | 4,4'-diphenoxybenzophenone   |
| 403-400-7 | 89-01-0094<br>89-03-0083<br>89-04-0195<br>89-05-0082<br>89-06-0165<br>90-02-0061<br>91-11-0025<br>92-12-0073 | DRIMAREN RED X-KB 3613<br>DRIMAREN RED X-KB 3613/PP<br>DRIMAREN ROT X-KB 3613<br>DRIMAREN ROT X-KB 3613/PP<br>DRIMARENE RED X-6BN CONC.<br>DRIMARENE RED X-KB 3613<br>DRIMARENE RED X-KB 3613/PP<br>ROUGE DRIMARENE X-6BN CONC<br>ROUGE DRIMARENE X-KB 3613<br>VERMELHO DRIMARENE X-6BN CONC. |                        |  |
| 403-410-1 | 89-01-0096<br>90-04-0287<br>90-05-0096<br>90-06-0188<br>90-08-0049<br>90-12-0014                             | C.I. DIRECT YELLOW 166<br>DIRECT YELLOW 166<br>GIALLO DIRETTO 166<br>JAUNE DIRECT 166<br>MONOAZO YELLOW MA 2822   | R 43                   | A mixture of: N,N-diethylpropane-1,3-diamine 6-methyl-2-(4-(2,4,6-triaminopyrimidin-5-ylazo)phenyl)benzothiazole-7-sulfonate;<br>2,2-iminodiethanol 6-methyl-2-(4-(2,4,6-triaminopyrimidin-5-ylazo)phenyl)benzothiazole-7-sulfonate;<br>2-methylaminoethanol 6-methyl-2-(4-(2,4,6-triaminopyrimidin-5-ylazo)phenyl)benzothiazole-7-sulfonate |
| 403-420-6 | 89-04-0180   | DEHYMULS FCE  |                        |  |
| 403-430-0 | 89-06-0152   | AOC 2050X   | Xi; R 41               | poly(oxo(2-butoxyethyl 3-oxobutanoato-O'1,O'3)aluminium)   |
| 403-440-5 | 89-01-0097   | IMEXINE FAE   | Xn; R 22<br>R 52-53    | 3-(N-methyl-N-(4-methylamino-3-nitrophenyl)amino)propane-1,2-diol hydrochloride  |
| 403-460-4 | 89-01-0095<br>89-06-0175<br>89-12-0011<br>90-04-0262<br>90-05-0092<br>90-08-0046<br>94-13-0010<br>95-15-0020 | ARANCIO REATTIVO 116<br>C.I. REACTIVE ORANGE 116<br>MONOAZO ORANGE TZ 2697<br>ORANGE REACTIF 116<br>REACTIV ORANGE 116<br>REACTIVE ORANGE 116   |                        |  |
| 403-470-9 | 89-03-0076   | CYANEX (R) EXTRACTANT<br>CYANEX 923 EXTRACTANT  | C; R 34<br>N; R 50-53  | A mixture of: hexyldiethylphosphineoxide;<br>dihexyloctylphosphineoxide;<br>trioctylphosphineoxide   |
| 403-480-3 | 89-02-0033   | UNION CARBIDE SILANE Y-9492   | Xi; R 41<br>N; R 51-53 | bis(trimethoxysilylpropyl)amine  |
| 403-490-8 | 89-02-0034<br>99-02-0236   | CYRACURE PHOTOINITIATOR UVI-6990<br>CYRACURE PHOTOINITIATOR UVI-6992  | *                      |  |
| 403-500-0 | 89-02-0035<br>99-02-0242   | CYRACURE (R) PHOTOINITIATOR UVI-6974<br>CYRACURE (R) PHOTOINITIATOR UVI-6976  | R 43<br>N; R 50-53     | A mixture of: bis[4-diphenylsulfoniumphenyl]sulfide-bis-hexafluoroantimonate;<br>thiophenoxyphenylsulfonium hexafluoroantimonate   |

| EC Number | Registration Number  | Trade Name   | Classification                            | Name in the IUPAC Nomenclature   |
|-----------|--|--|---|--|
| 403-510-5 | 89-02-0036   | F.H.D.A.   | T; R 25<br>Xn; R 48/22<br>R 43<br>R 52-53 | N-amino-N-carboxymethylglycine   |
| 403-530-4 | 89-04-0183   | PV-ECHTSELB HGR  |   | calcium 4-chloro-2-(5-hydroxy-3-methyl-1-(3-sulfonatophenyl)pyrazol-4-ylazo)-5-methylbenzenesulfonate            |
| 403-540-9 | 89-04-0184<br>90-04-0254   | REAKTIV GRÜN F-65 157 FW<br>SOLIDAZOL GREEN PG<br>SOLIDAZOL GREEN VPN 5256<br>SOLIDAZOL GRÜN PG<br>SOLIDAZOL-GRÜN VPN 5256 |   |  |
| 403-550-3 | 89-04-0185   | POLYSYNTHREN-VIOLETT G   |   | (3-carboxy-1,1'-(1,2-dicyanovinylenebis(nitrilomethylidene)-2,2'-dinaphtholato)nickel(II)                        |
| 403-560-8 | 89-04-0186   | SÄUREVIOLETT 520 T PINA (R)  |   | triethylammonium 4-(4-(3-(4-dimethylaminophenyl)prop-2-enylidene)-3-methyl-5-oxo-pyrazolin-1-yl)benzenesulfonate |
| 403-570-2 | 89-04-0187   | CD 26-155  |   | (2,4,6-trioxo-2H,4H,6H-1,3,5-triazine-1,3,5-triyl)triethylene tri(acetoacetate)                                  |
| 403-580-7 | 89-06-0161<br>94-06-0651   | DPX-D-7556   | Xn; R 22                                  | 2-amino-6-ethoxy-4-methylamino-1,3,5-triazine  |
| 403-590-1 | 89-06-0162<br>89-04-0197<br>90-01-0141<br>90-02-0049<br>91-04-0344<br>91-04-0345<br>92-04-0497<br>92-06-0411<br>92-07-0040<br>94-06-0631<br>95-06-0666 | ORGANIC PIGMENT B<br>T-77  | *   |  |
| 403-600-4 | 89-04-0188<br>89-07-0003   | PK-N 302   |   |  |
| 403-610-9 | 89-03-0077   | NEOPROXEN  |   |  |
| 403-620-3 | 89-03-0078<br>00-11-0172   | HYPO-LEM   | Xi; R 38<br>R 43<br>N; R 51-53            | 3,7-dimethyloctanenitrile  |
| 403-630-8 | 89-01-0099<br>89-06-0174<br>89-12-0010<br>90-04-0288<br>90-05-0093<br>90-08-0048   | BLEU REACTIF 241<br>BLEU REATTIVO 241<br>C.I. REACTIVE BLUE 241<br>DISAZO NAVY TZ 2376<br>REACTIVE BLUE 241                |   |  |
| 403-640-2 | 89-04-0190   | TEBUCONAZOLE RESP. HWG 1608  | *   | 1-(4-chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol  |

| EC Number | Registration Number  | Trade Name                         | Classification       | Name in the IUPAC Nomenclature   |
|-----------|--|------------------------------------|----------------------|--|
| 403-650-7 | 89-03-0079<br>89-01-0104<br>89-04-0203<br>89-06-0169<br>91-01-0162<br>91-03-0158<br>91-04-0387<br>91-04-0397<br>91-06-0283<br>91-06-0307<br>91-07-0030<br>92-05-0192<br>93-01-0258<br>93-03-0226<br>93-03-0228<br>93-03-0231<br>93-03-0235<br>93-03-0267<br>93-04-0565<br>93-05-0216<br>93-06-0467<br>93-06-0475<br>93-11-0078<br>93-11-0084<br>94-03-0291 | IJA-286<br>IJBK-286<br>IJBK-286-LI | E; R 2<br>N; R 51-53 | trilithium 1-hydroxy-7-(3-sulfonatoanilino)-2-(3-methyl-4-(2-methoxy-4-(3-sulfonatophenylazo)phenylazo)phenylazo)naphthalene-3-sulfonate |

| EC Number | Registration Number  | Trade Name                         | Classification        | Name in the IUPAC Nomenclature  |
|-----------|--|------------------------------------|-----------------------|---|
| 403-660-1 | 89-03-0080<br>89-01-0105<br>89-04-0204<br>89-06-0172<br>91-01-0163<br>91-03-0159<br>91-04-0386<br>91-04-0398<br>91-06-0284<br>91-06-0306<br>91-07-0029<br>92-05-0193<br>93-01-0259<br>93-03-0225<br>93-03-0227<br>93-03-0230<br>93-03-0234<br>93-03-0266<br>93-04-0566<br>93-05-0215<br>93-06-0466<br>93-06-0474<br>93-11-0081<br>93-11-0083<br>94-03-0292 | IJA-260<br>IJBK-260<br>IJBK-260-LI | R 43<br>N; R 51-53    | tetralithium 6-amino-4-hydroxy-3-[7-sulfonato-4-(5-sulfonato-2-naphthylazo)-1-naphthylazo]naphthalene-2,7-disulfonate                   |
| 403-670-6 | 89-03-0081<br>89-01-0106<br>89-04-0205<br>89-06-0177<br>92-05-0191<br>93-11-0079<br>94-03-0290   | IJR-016                            | *                     |   |
| 403-680-0 | 89-06-0166   | REOFLAM P410                       |                       | aluminium(III) tris(monomethyl methylphosphonate)   |
| 403-690-5 | 89-04-0198   | TACS                               | R 42/43<br>R 52-53    | (6R-trans)-7-amino-3-[[[5-(carboxymethyl)-4-methyl-2-thiazolyl]thio]methyl]-8-oxo-5-thia-1-azabicyclo-[4.2.0]oct-2-en-2-carboxylic acid |
| 403-700-8 | 89-02-0040<br>92-04-0512   | NOP<br>SURFADONE LP-100 SURFACTANT | C; R 34<br>N; R 51-53 | N-(n-octyl)-2-pyrrolidinone   |
| 403-710-2 | 89-07-0002<br>89-07-0004<br>89-07-0005<br>97-07-0108   | TPN                                | Xn; R 22<br>R 52-53   | 3-(2-(diaminomethyleneamino)thiazol-4-yl)methylthiopropionitrile  |

| EC Number | Registration Number  | Trade Name   | Classification                | Name in the IUPAC Nomenclature   |
|-----------|--|--|-------------------------------|--|
| 403-720-7 | 89-01-0101<br>89-04-0219<br>89-06-0178<br>90-03-0122<br>90-05-0112<br>90-08-0044<br>90-12-0018<br>92-11-0067 | NOIR ORASOL 9342A<br>NOIR ORASOL RLI<br>ORASOL BLACK 9342A<br>ORASOL BLACK RLI | N; R 51-53                    | A mixture of: tert-alkyl(C12-C14)ammonium bis[1-[(2-hydroxy-5-nitrophenyl)azo]-2-naphthalenolato(2-)]-chromate(1-);<br>tert-alkyl(C12-C14)ammonium bis[1-[(2-hydroxy-4-nitrophenyl)azo]-2-naphthalenolato(2-)]-chromate(1-);<br>tert-alkyl(C12-C14)ammonium bis[1-[[5-(1,1-dimethylpropyl)-2-hydroxy-3-nitrophenyl]azo]-2-naphthalenolato(2-)]-chromate(1-);<br>tert-alkyl(C12-C14)ammonium [[1-[(2-hydroxy-5-nitrophenyl)azo]-2-naphthalenolato(2-)]-[1-[(2-hydroxy-5-nitrophenyl)azo]-2-naphthalenolato(2-)]]-chromate(1-);<br>tert-alkyl(C12-C14)ammonium [[1-[[5-(1,1-dimethylpropyl)-2-hydroxy-3-nitrophenyl]azo]-2-naphthalenolato(2-)]-[1-[(2-hydroxy-5-nitrophenyl)azo]-2-naphthalenolato(2-)]]-chromate(1-);<br>tert-alkyl(C12-C14)ammonium ((1-(4(or 5)-nitro-2-oxidophenylazo)-2-naphtholato)(1-(3-nitro-2-oxido-5-pentylphenylazo)-2-naphtholato))chromate(1-) |
| 403-730-1 | 89-02-0042   | SURFADONE LP-300 SURFACTANT  | C; R 34<br>R 43<br>N; R 50-53 | N-(n-dodecyl)pyrrolidinone   |
| 403-740-6 | 89-06-0167<br>90-02-0052   | GREAT LAKES HP-36<br>HP-36   |                               |  |
| 403-750-0 | 89-04-0199   | SICORIN E 10197  | Xn; R 20<br>N; R 51-53        | hydroxy(2-((phenylsulfonyl)amino)benzoato-O1,O2)zinc   |
| 403-760-5 | 89-04-0200   | ACETOACETYLORTHO SINIC ACID, A6-SALT   | R 43                          | tris(2-(2-hydroxyethoxy)ethyl)ammonium 3-acetoacetamido-4-methoxybenzenesulfonate  |
| 403-780-4 | 89-06-0168<br>00-02-0282   | JEFFSOL BUTYLENE CARBONATE<br>TEXACAR F-100                                    |                               | 4-ethyl-1,3-dioxolan-2-one   |
| 403-790-9 | 89-03-0085   | UC-129   | R 43<br>R 53                  | 2-[3-(4-cyanophenyl)ureido]-5-[2-(2,4-di-tert-pentylphenoxy)octanamido]phenol  |
| 403-800-1 | 89-01-0103<br>90-04-0249<br>92-04-0473<br>92-06-0388<br>93-05-0211   | LS.BT.620<br>MIXXIM BB/100<br>TINUVIN 360                                      | R 53                          | 2,2'-methylenebis(6-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol)   |
| 403-810-6 | 89-06-0170<br>00-06-1426<br>92-05-0178<br>92-06-0398   | C.I. REACTIVE YELLOW 138:1   | *                             |  |
| 403-820-0 | 89-05-0081   | VIOLETTA SOMALIA LV 100%   |                               | 1,8-bis(4-dodecylphenyl)amino-9,10-anthracenedione   |

| EC Number | Registration Number  | Trade Name   | Classification       | Name in the IUPAC Nomenclature                            |
|-----------|--|--|----------------------|---|
| 403-830-5 | 89-04-0211<br>89-01-0114<br>89-04-0223<br>89-06-0173<br>90-04-0236<br>90-04-0237<br>90-04-0296<br>90-06-0242<br>91-01-0154<br>91-04-0349<br>91-05-0134<br>91-06-0294<br>91-06-0315<br>91-08-0053<br>91-12-0039<br>92-01-0188<br>93-04-0546<br>93-06-0512<br>95-06-0683 | B 290<br>BK 400<br>CK 34<br>DIBUTYL-N-102<br>DX-20<br>FAT NR. 40391/A<br>FLUORAN BLACK BD 869<br>FLUORAN SCHWARZ BD 869<br>NOIR FLUORANE BD 869<br>ODB-2<br>PSD-290<br>TG-31<br>TH-108 | *                    |   |
| 403-850-4 | 89-03-0086<br>96-04-0868   | CM-512<br>RNG 3657   |                      |   |
| 403-860-9 | 89-04-0206<br>95-03-0311   | SITOLACTON   |                      | 9a-methylperhydrocyclopenta(f)coumarin-1-one              |
| 403-870-3 | 89-04-0207   | DIETHOFENCARB  |                      | 1-methylethyl 3,4-diethoxyphenylcarbamate                 |
| 403-880-8 | 89-01-0109<br>90-04-0261<br>90-05-0098<br>90-06-0203<br>90-08-0047<br>90-12-0020<br>94-13-0009<br>95-15-0021   | C.I. REACTIVE RED 238<br>MONOAZO RED TZ 2723<br>REACTIVE RED 238<br>REAKTIV ROT 238<br>ROSSO REATTIVO 238<br>ROUGE REACTIF 238   |                      |   |
| 403-890-2 | 89-04-0208   | UV ABSORBENT BIS-DHB-MA  |                      | 1,3-bis(4-benzoyl-3-hydroxyphenoxy)prop-2-yl methacrylate |
| 403-900-5 | 89-04-0212<br>90-01-0122<br>90-03-0092<br>90-05-0088<br>90-06-0196<br>90-11-0011<br>90-12-0025<br>95-15-0045   | CARTASOL YELLOW RFN<br>GIALLO PE 3420<br>JAUNE PE 3420<br>YELLOW PE 3420   |                      |   |
| 403-920-4 | 89-04-0213   | G 19-675 ZP  | Xn; R 22<br>Xi; R 36 | 3-(3-tert-butyl-4-hydroxyphenyl)propionic acid            |
| 403-930-9 | 89-04-0217<br>90-04-0233   | GUIACOL-O-ETHYLTOSYLATE  |                      | 2-(2-methoxyphenoxy)ethyl 4-toluenesulfonate              |

| EC Number | Registration Number  | Trade Name   | Classification                                | Name in the IUPAC Nomenclature  |
|-----------|--|--|---|---|
| 403-940-3 | 89-01-0111<br>90-04-0327<br>91-05-0128<br>91-06-0263<br>91-08-0061<br>91-12-0038<br>95-15-0022 | C.I. REACTIVE BLACK 47<br>DISAZO BLACK DM 5594<br>DISAZO SCHWARZ DM 5594<br>NOIR REACTIF 47<br>REACTIVE BLACK 47   |   |   |
| 403-950-8 | 89-04-0166<br>91-04-0408   | EW 400   | T+; R 26<br>Xn; R 22<br>C; R 34<br>N; R 50-53 | Reaction products of: glutamic acid and N-(C12-14-alkyl)propylenediamine  |
| 403-960-2 | 89-06-0180   | C.I. DISPERSE RED 367  | R 43<br>R 53                                  | 2-ethoxyethyl-2-(4-(2,6-dihydro-2,6-dioxo-7-phenyl-1,5-dioxaindacen-3-yl)phenoxy)acetate  |
| 403-970-7 | 89-01-0112   | JARYSOL XX   |   |   |
| 403-980-1 | 92-03-0179<br>00-03-0463<br>89-04-0218   | D-2,4-DP<br>DICHLORPROP-P<br>DUPLOSAN DP-ACID  | Xn; R 22<br>Xi; R 38-41<br>R 43               | (+)-R-2-(2,4-dichlorophenoxy)propanoic acid   |
| 403-990-6 | 89-03-0088<br>92-01-0183<br>97-04-0928<br>98-04-1090   | 381 AQF<br>AGK 559<br>BF 120<br>C 1810<br>UY-318   | R 53  | dodecyl 3-(2-(3-benzyl-4-ethoxy-2,5-dioxoimidazolidin-1-yl)-3-(4-methoxybenzoyl)acetamido)-4-chlorobenzoate   |
| 404-000-5 | 89-05-0084   | GRANLAR A  |   | poly((oxy-p-(phenyl)phenylenoxyterephthaloyl)-co-(oxy-p-2-(phenethyl)phenylenoxyterephthaloyl))   |
| 404-020-4 | 89-04-0220   | ALKYLSILAN TA 01946  |   |   |
| 404-035-6 | 89-02-0044   | X4060  | *   |   |
| 404-040-3 | 89-06-0182<br>90-02-0050   | DOW CORNING X2-7551  | *   |   |
| 404-050-8 | 89-03-0089<br>90-06-0191   | SUMQUAT 6040   | Xi; R 36<br>R 53                              | N,N-dimethyl-N,N-dioctadecylammonium hydrogen sulfate   |
| 404-060-2 | 89-02-0046   | CARBONATE DE TETRACHLOROETHYLENE   | T+; R 26<br>Xn; R 22<br>C; R 34               | 4,4,5,5,-tetrachloro-1,3-dioxolan-2-one   |
| 404-070-7 | 89-01-0117<br>90-05-0099<br>90-06-0202<br>90-12-0021<br>91-04-0371<br>91-08-0064<br>95-15-0023 | BLEU REACTIF 244<br>BLEU REATTIVO 244<br>C.I. REACTIVE BLUE 244<br>CIBACRON BLUE B<br>FORMAZAN BLAU BG 244<br>FORMAZAN BLAU BG 2913<br>REACTIVE BLUE 244 | R 52-53                                       | tetrasodium [5-((4-amino-6-chloro-1,3,5-triazin-2-yl)amino)-2-((2-hydroxy-3,5-disulfonatophenylazo)-2-sulfonatobenzylidenehydrazino)benzoate]copper(II) |



| EC Number | Registration Number  | Trade Name   | Classification              | Name in the IUPAC Nomenclature   |
|-----------|--|--|-----------------------------|--|
| 404-080-1 | 89-01-0115<br>00-03-0478<br>00-06-1413<br>89-01-0116<br>91-03-0135<br>92-02-0084<br>93-03-0237               | DEMEON 141 B<br>GENESOLV 2000 (PURE)<br>GENESOLV 2004 (IN MIXTURE)<br>GENETRON (R) 141B<br>HCFC 141B<br>HFA 141B<br>SOLKANE 141B | R 52-53<br>N; R 59          | 1,1-dichloro-1-fluoroethane  |
| 404-090-6 | 90-04-0227   | PIGMENTORANGE 2289   |                             |  |
| 404-100-9 | 90-01-0120<br>90-05-0105<br>90-06-0208<br>90-12-0026<br>91-04-0362<br>91-08-0063                             | BLEU REACTIF 239<br>BLEU REATTIVO 239<br>C.I. REACTIVE BLUE 239<br>REACTIVE BLUE 239<br>REAKTIV BLAU 239                         |                             |  |
| 404-110-3 | 90-04-0228   | PIGMENTADDITIV RL  |                             |  |
| 404-120-8 | 90-06-0185<br>90-01-0130<br>90-04-0263<br>90-05-0104<br>90-12-0022<br>91-08-0065<br>95-15-0024<br>99-16-0010 | C.I. REACTIVE RED 136<br>REAKTIV ROT 136<br>ROUGE REACTIF 136  |                             |  |
| 404-130-2 | 90-03-0091   | MEFAT  | Xi; R 41<br>R 43<br>R 52-53 | methyl 2R,3S-(-)-3-(4-methoxyphenyl)oxiranecarboxylate                           |
| 404-140-7 | 90-04-0229<br>90-04-0230<br>92-02-0109   | BISPHENOL TMC  |                             |  |
| 404-150-1 | 90-06-0186   | PRODUCT 5899   | Xi; R 38<br>N; R 51-53      | 3-isopropylidene-1-methylcyclohexene   |
| 404-160-6 | 90-01-0119   | WINGSTAY K   | R 43<br>R 53                | Reaction products of: 4-nonylphenol, formaldehyde and dodecane-1-thiol           |
| 404-170-0 | 90-06-0187<br>01-03-0502<br>93-01-0265   | PIGMENT ADDITIVE 1799U<br>SOLSPERSE 5000   |                             |  |
| 404-180-5 | 90-04-0231   | CG 25-955  |                             | 1,3,5-tris(3,5-dicyclohexyl-4-hydroxybenzyl)perhydro-1,3,5-triazine-2,4,6-trione |
| 404-200-2 | 90-03-0093<br>91-07-0021<br>93-06-0490   | CME 151<br>DIMETHOMORPH  | N; R 51-53                  | 4-(3-(4-chlorophenyl)-3-(3,4-dimethoxyphenyl)acryloyl)morpholine                 |
| 404-210-7 | 90-01-0121   | 7-METHYL-1,6-OCTADIENE   | R 10<br>N; R 50-53          | 7-methylocta-1,6-diene   |
| 404-220-1 | 90-04-0234<br>90-04-0298   | 6-CYCLOHEXYL-4-METHYL-ALPHA-PYRONE   |                             | 6-cyclohexyl-4-methyl-2H-pyran-2-one   |

| EC Number | Registration Number  | Trade Name  | Classification       | Name in the IUPAC Nomenclature   |
|-----------|--|---|----------------------|--|
| 404-230-6 | 90-04-0235   | PIGMENT ADDITIV AC  | R 43<br>R 53         | 2,9-bis[N-[3-(diethylamino)propyl]sulfamoyl]-5H,12H-quinol[2,3-b]acridin-7,14-dione  |
| 404-240-0 | 90-01-0123   | NECTARYL-LRG 1371   |                      | 2-(2-(4-methyl-3-cyclohexen-1-yl)propyl)cyclopentanone   |
| 404-250-5 | 90-06-0193<br>90-01-0139<br>90-04-0330<br>90-05-0114<br>90-11-0017<br>90-12-0031                             | BENACTIVE GOLDEN YELLOW CN-GL<br>C.I. REACTIVE YELLOW 178<br>KAYACELON REACT GOLDEN YELLOW CN-GL<br>SOMAZIN GOLDEN YELLOW CN-GL       | R 43                 | (tetrasodium 1-(4-(3-acetamido-4-(4'-nitro-2,2'-disulfonatostilben-4-ylazo)anilino)-6-(2,5-disulfonatoanilino)-1,3,5-triazin-2-yl)-3-carboxypyridinium) hydroxide        |
| 404-270-4 | 90-06-0194<br>90-01-0138<br>90-04-0331<br>90-05-0115<br>90-11-0019<br>90-12-0032                             | BENACTIVE SCARLET CN-GL<br>C.I. REACTIVE RED 236<br>KAYACELON REACT SCARLET CN-GL<br>SOMAZIN SCARLET CN-GL                            |                      |  |
| 404-280-9 | 90-06-0195<br>90-01-0137<br>90-04-0332<br>90-05-0116<br>90-11-0018<br>90-12-0033                             | C.I. REACTIVE RED 221<br>KAYACELON REACT RED CN-3B  |                      |  |
| 404-290-3 | 90-03-0094<br>91-06-0279   | ARMOGARD S 462<br>OFRIC S462C   |                      |  |
| 404-300-6 | 90-06-0197<br>90-04-0301   | KENODOX   | O; R 7<br>N; R 50-53 | O,O-tert-butyl O-docosyl monoperoxyoxalate   |
| 404-310-0 | 89-05-0083   | PERKACIT DP-TBZTD   | R 53                 | tetrakis(phenylmethyl)thioperoxydi(carbothioamide)   |
| 404-320-5 | 90-01-0124<br>90-04-0289<br>90-05-0103<br>90-06-0213<br>90-08-0050<br>90-12-0024<br>94-13-0008<br>95-15-0025 | BLEU REACTIF 238<br>BLEU REATTIVO 238<br>C.I. REACTIVE BLUE 238<br>DISAZO MARINE TZ 2646<br>MARINE DIAZO TZ 2646<br>REACTIVE BLUE 238 | R 43                 | tetrasodium 4-amino-5-hydroxy-6-(3-(2-(2-(sulfonatooxy)ethylsulfonyl)ethylcarbamoyl)phenylazo)-3-(4-(2-(sulfonatooxy)ethylsulfonyl)phenylazo)naphthalene-2,7-disulfonate |
| 404-340-4 | 90-06-0198<br>90-04-0316   | VERMILION DCF   |                      |  |
| 404-350-9 | 90-03-0097   | AF-348  |                      |  |

| EC Number | Registration Number  | Trade Name  | Classification                            | Name in the IUPAC Nomenclature   |
|-----------|--|---|---|--|
| 404-360-3 | 90-06-0200<br>91-01-0157<br>91-03-0160<br>91-04-0367<br>91-05-0132<br>91-08-0056<br>91-11-0043<br>91-12-0041<br>92-01-0193<br>92-02-0096<br>92-06-0379<br>95-15-0037 | CG 25-369<br>IRGACURE 369<br>TK 11-319                                    | N; R 50-53                                | 2-benzyl-2-dimethylamino-4-morpholinobutyrophenone   |
| 404-370-8 | 90-05-0089<br>91-02-0080<br>95-04-0800<br>96-03-0342<br>96-04-0810   | DCPMS<br>DYNASYLAN 9415<br>SAN-30<br>WACKER SILAN CP2-DIMETHOXY<br>Z-6228 | *   |  |
| 404-380-2 | 90-04-0238   | VULKANISATIONSBESCHLEUNIGER VP KA 9124                                    | R 43<br>R 52-53                           | N-(1,1-dimethylpropyl)-2-benzothiazolesulfenamide  |
| 404-390-7 | 90-07-0007   | SCH.19927 DIBENZOYL TARTRATE  | F; R 11<br>R 43<br>R 52-53                | R,R-2-hydroxy-5-(1-hydroxy-2-(4-phenylbut-2-ylamino)ethyl)benzamide hydrogen 2,3-bis(benzoyloxy)succinate  |
| 404-410-4 | 90-06-0204<br>91-06-0272   | B9483<br>FLAMTARD H   |   |  |
| 404-420-9 | 90-03-0102   | 479-1350C   | R 43<br>R 52-53                           | bis(4-dodecylphenyl)iodonium tetrafluoroantimonate   |
| 404-430-3 | 90-04-0240   | SÄUREBRAUN 4126   |   |  |
| 404-440-8 | 90-05-0087   | SYNESAL M   |   | A mixture of: dimethyl-5,5'-(thiobis(ethylenoxycarbonyl))bis(1,4-dihydro-2,6-dimethylpyridine-3-carboxylate); dimethyl-5,5'-[bis(carbonylethylthioethyl)-1,4-dihydro-2,6-dimethyl-3,5-dicarbonyloxy]pyridine]bis(1,4-dihydro-2,6-dimethylpyridine-3-carboxylate); oligomers from partially oxidized dihydropyridine moieties |
| 404-450-2 | 90-06-0206<br>90-02-0059<br>90-05-0100   | COBRATEC 435  | Xn; R 22<br>C; R 34<br>R 43<br>N; R 51-53 | sodium 5-N-butylbenzotriazole  |
| 404-460-7 | 90-04-0243   | PIGMENT 11990   |   |  |
| 404-470-1 | 90-03-0104<br>90-02-0070<br>90-05-0120<br>90-06-0236<br>91-01-0155<br>91-03-0134<br>91-04-0379   | EPIKOTE 1079<br>EPIKOTE 1079 HARZ<br>EPIKOTE RSS 1079<br>EPIKOTE RSS 1097 |   |  |
| 404-480-6 | 90-05-0095   | VARIACROL BLUE A  |   | 2,3-dihydro-1,3,3-trimethylspiro(indole-2,3'-(3H)naphth(2,1-b)(1,4)oxazine   |

| EC Number | Registration Number  | Trade Name   | Classification                             | Name in the IUPAC Nomenclature  |
|-----------|--|--|--|---|
| 404-490-0 | 90-04-0246   | 3-NITROBENZYLIDENETHYLESTER                                      | Xi; R 41<br>R 43<br>R 52-53                | ethyl 2-(3-nitrobenzylidene)acetoacetate  |
| 404-500-3 | 90-05-0101<br>90-07-0008   | METHYL ETHYL THIAZOLIDINE  | Xn; R 22<br>Xi; R 41<br>R 43<br>N; R 51-53 | 2,2-ethylmethylthiazolidine   |
| 404-510-8 | 90-04-0247   | DP 327   | Xn; R 22<br>R 43<br>N; R 51-53             | bis(2-ethylhexyl)-2,2'-dithiobisacetate   |
| 404-520-2 | 90-07-0009   | SIMVASTATIN AMMONIUM SALT  | R 52-53                                    | ammonium 7-(2,6-dimethyl-8-(2,2-dimethylbutyryloxy)-1,2,6,7,8,8a-hexahydro-1-naphthyl)-3,5-dihydroxyheptanoate  |
| 404-530-7 | 90-03-0106   | C-6721   |  |   |
| 404-540-1 | 90-06-0210<br>90-01-0131<br>90-03-0120<br>90-04-0290<br>90-05-0108<br>90-11-0013<br>90-12-0027 | BRAUN HM 2763<br>BROWN HM 2763<br>BRUN HM 2763<br>BRUNO HM 2763  | R 43                                       | A mixture of isomers of:1,1'-[(3,5(or 2,4 or 4,6 or 2,6)-dihydroxy-o(or m or p)-phenylene)bis(azo-meta-phenyleneazo{ 1-[3-(dimethylamino)propyl]-1,2-dihydro-6-hydroxy-4-methyl-2-oxopyridine-5,3-diyl})]dipyridinium-dichloride-dihydrochloride;<br>1-(1-[3-(dimethylamino)propyl]-5-{ 3-[x-(4-{ 1-[3-(dimethylamino)propyl]-1,6-dihydro-2-hydroxy-4-methyl-6-oxo-5-pyridinio-3-pyridylazo}phenylazo)-2,4(or 2,6 or 3,5 or 4,6)-dihydroxyphenylazo]phenylazo}-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-3-pyridyl)pyridinium-dichloride-dihydrochloride (where x is variable) |
| 404-550-6 | 90-03-0108   | ENS 131  | R 43<br>R 53                               | 2-(2-carboxy-6-docosyl-1-hydroxynaphthalen-4-yl)-2-(4-hydroxy-3-methylphenanthrenyl)-6-oxonaphtho[1,8-c,d]pyran   |
| 404-560-0 | 90-06-0211   | BIOPOL H   |  |   |
| 404-570-5 | 90-06-0212   | BIOPOL L   |  |   |
| 404-590-4 | 90-04-0248<br>91-01-0145   | DD-63  | R 43<br>N; R 51-53                         | 4,4'-oxybis(ethylenethio)diphenol   |
| 404-600-7 | 90-06-0214<br>96-06-0894<br>97-04-0980   | EVERZOL ORANGE GR<br>ORANGE HF-SNK<br>REAKTIV ORANGE FD 19969 FW | R 43                                       | disodium 6-(4,6-dichloro-1,3,5-triazin-2-ylamino)-1-hydroxy-2-(4-(2-(sulfonatooxy)ethylsulfonyl)phenylazo)naphthalene-3-sulfonate   |
| 404-610-1 | 90-03-0109<br>93-03-0255<br>93-07-0043   | CDMBP<br>CDMP  | N; R 50-53                                 | 4-chloro-3',4'-dimethoxybenzophenone  |
| 404-620-6 | 90-03-0110<br>01-06-1458   | FC-45<br>UV-503  |  |   |
| 404-630-0 | 90-04-0250   | EXPERIMENTAL DIETHER MM  | F; R 11-19                                 | 1,2-dimethoxypropane  |
| 404-640-5 | 90-04-0251<br>01-04-1336<br>91-03-0155<br>91-03-0164   | DPG-DME<br>PROGLYDE* DMM   |  |   |

| EC Number | Registration Number  | Trade Name   | Classification  | Name in the IUPAC Nomenclature   |
|-----------|--|--|---|--|
| 404-660-4 | 90-03-0099<br>91-05-0129<br>92-01-0220   | R-GLYCIDOL   | E; R 2<br>Carc.Cat.2; R 45<br>Muta.Cat.3; R 68<br>Repr.Cat.2; R 60<br>T; R 23<br>Xn; R 21/22<br>C; R 34 | R-2,3-epoxy-1-propanol   |
| 404-670-9 | 90-06-0215<br>90-05-0117<br>91-01-0150<br>91-11-0023<br>92-04-0434   | C.I. REAKTIV-BLAU 216<br>KAYACELON REACT BLUE CN-BL<br>KAYACELON REAKT-BLAU CN-BL<br>UBCNBL      | E; R 2<br>R 43  | (trisodium (2-((3-(6-(2-chloro-5-sulfonatoanilino)-4-(3-carboxypyridinio)-1,3,5-triazin-2-ylamino)-2-oxido-5-sulfonatophenylazo)phenylmethylazo)-4-sulfonatobenzoato)copper(3-)) hydroxide |
| 404-680-3 | 90-02-0060   | AF-507<br>M-3181   | Xn; R 22<br>C; R 34<br>R 52-53  | 6-dimethylaminohexan-1-ol  |
| 404-690-8 | 90-06-0216   | INTERSEPT  | T; R 23<br>C; R 34<br>R 43<br>N; R 50-53  | A mixture of: (C8-18)alkylbis(2-hydroxyethyl)ammonium-bis(2-ethylhexyl)phosphate;<br>(C8-18)alkylbis(2-hydroxyethyl)ammonium 2-ethylhexylhydrogenphosphate                                 |
| 404-700-0 | 90-04-0253   | PIGMENTORANGE 871571   |   |  |
| 404-710-5 | 90-04-0255   | HOSTINERT 216 I  |   | perfluoro(5,8,9,12-tetramethyl-4,7,10,13-tetraoxahexadecane)   |
| 404-730-4 | 90-04-0256   | HOSTINERT 216 II   |   | perfluoro(5,6,9,12-tetramethyl-4,7,10,13-tetraoxahexadecane)   |
| 404-740-9 | 90-03-0112   | AF-366   |   |  |
| 404-750-3 | 90-04-0257   | CD 23-404  | Xn; R 22<br>C; R 34<br>N; R 51-53   | (C12-C14)tert-alkylammonium methylphosphonate  |
| 404-760-8 | 90-06-0217<br>90-01-0140<br>90-04-0303<br>90-04-0328<br>90-04-0329<br>92-02-0101<br>92-03-0198<br>95-04-0721<br>96-06-0806 | SUBSTANCE TP-415<br>SUBSTANZ TP-415<br>TP-415  | Xi; R 41  | tetrakis(dimethylditetradecylammonium) hexa- -oxotetra- 3-oxodi- 5-oxotetradecaooctamolybdate(4-)  |
| 404-770-2 | 90-06-0218   | STYRENE SULPHONYL CHLORIDE   | Xi; R 38-41<br>R 43   | styrene-4-sulfonyl chloride  |
| 404-780-7 | 90-04-0260<br>90-01-0143<br>90-05-0111<br>90-06-0232<br>90-08-0045<br>90-12-0028   | AZURANT DE DISTYRYL-BIPHENYL 4496<br>DISTYRYL-BIPHENYL BRIGHTENER 4496<br>FLUORESCENT BRIGHTENER |   |  |
| 404-790-1 | 90-03-0113   | H-603  | Xi; R 41<br>R 43  | 1,2-bis(vinylsulfonylacetamido)ethane  |

| EC Number | Registration Number  | Trade Name   | Classification                        | Name in the IUPAC Nomenclature  |
|-----------|--|--|---------------------------------------|---|
| 404-800-4 | 90-05-0106<br>91-06-0296<br>91-11-0040   | IRGANOX L 118  | N; R 50-53                            | iso(C10-C14)alkyl (3,5-di-tert-butyl-4-hydroxyphenyl)methylthioacetate  |
| 404-810-9 | 90-04-0264   | THANCAT AN 10  | R 10<br>Xn; R 21/22-48/20<br>C; R 34  | 2-methyl-2-azabicyclo[2.2.1]heptane   |
| 404-820-3 | 90-06-0219   | RT 1766A   | Xi; R 38<br>R 43<br>R 52-53           | Reaction products of: thionyl chloride, 1,3,4-thiadiazol-2,5-dithiol, tert-nonanethiol and C12-14-tert-alkylamine   |
| 404-830-8 | 90-06-0220   | C.I. DISPERSE BLUE 369   | R 53                                  | 2-[4-[N-(4-acetoxybutyl)-N-ethyl]amino-2-methylphenylazo]-3-acetyl-5-nitrothiophene   |
| 404-840-2 | 90-03-0114<br>93-06-0520   | BISOX HCL  | Xn; R 22-48/22<br>Xi; R 41<br>R 52-53 | 3-amino-5-tert-butylisoxazole hydrochloride   |
| 404-850-7 | 90-04-0265<br>90-01-0135<br>90-03-0124<br>90-05-0113<br>90-06-0243<br>90-11-0015<br>91-02-0079<br>91-12-0036<br>92-01-0201<br>92-05-0181<br>92-06-0408<br>95-15-0055<br>99-16-0017 | BORDEAUX DIRECT SCR 641<br>DIRECT BORDEAUX SCR 641<br>INDOSOL RUBINOL GA 1469<br>INDOSOL RUBINOL SF-RGN<br>RUBINOL GA 1469<br>RUBINOL INDOSOL GA 1469<br>RUBINOL INDOSOL GA SF-RGN<br>RUBINOL INDOSOL SF-RGN<br>RUBINOLE GA 1469 | *                                     |   |
| 404-860-1 | 90-06-0221<br>91-04-0357<br>91-04-0396<br>91-04-0412<br>91-12-0044<br>92-01-0229<br>92-02-0114<br>92-03-0206<br>92-04-0496<br>92-05-0186<br>92-06-0410<br>92-08-0076<br>92-11-0054 | TP-302   | F; R 11<br>Xi; R 41<br>N; R 50-53     | A mixture of: tetrakis(trimethylhexadecylammonium) hexa-oxotetra-3-oxodi-5-oxotetradecaooctamolybdate(4-);<br>tetrakis(trimethyloctadecylammonium) hexa-oxotetra-3-oxodi-5-oxotetradecaooctamolybdate(4-) |
| 404-870-6 | 90-04-0266<br>90-06-0240<br>91-01-0164<br>91-05-0124   | RONACAT RO 305<br>RONACOAT RO 305  | R 43<br>N; R 51-53                    | 6-(2,5-dihydro-3,4-dimethyl-2,5-dioxo-1H-pyrrol-1-yl)hexyl methacrylate   |

| EC Number | Registration Number                                  | Trade Name   | Classification   | Name in the IUPAC Nomenclature  |
|-----------|--|--|--|---|
| 404-880-0 | 90-04-0267<br>90-06-0239<br>91-01-0165<br>91-05-0123 | RONACAT RO 300<br>RONACOAT RO 300                                |  |   |
| 404-890-5 | 90-06-0222   | CG 22-953  | *  | 3-(3,5-di-tert-butyl-4-hydroxybenzyl)benzothiazole-2-thione   |
| 404-900-8 | 90-04-0269   | EPIKOTE 1071   |  |   |
| 404-910-2 | 90-04-0272   | PIGMENT ADDITIV C  | R 43<br>N; R 51-53   | 2-(4-(diethylaminopropylcarbonyl)phenylazo)-3-oxo-N-(2,3-dihydro-2-oxobenzimidazol-5-yl)butyramide  |
| 404-920-7 | 90-05-0107<br>96-01-0405                             | UVASIL 299   | Xn; R 21/22<br>C; R 34<br>N; R 51-53                                     | -hydroxypoly(methyl-(3-(2,2,6,6-tetramethylpiperidin-4-yloxy)propyl)siloxane)   |
| 404-930-1 | 90-04-0274   | SÄUREBRAUN 8507  | Xn; R 20<br>Xi; R 41<br>N; R 51-53                                       | disodium(3-methyl-4-(5-nitro-2-oxidophenylazo)-1-phenylpyrazololato)(1-(3-nitro-2-oxido-5-sulfonatophenylazo)-2-naphtholato)chromate(1-)              |
| 404-940-6 | 90-04-0273   | DWS  | Xn; R 22<br>Xi; R 41<br>R 33<br>R 52-53                                  | (2-(1,3-dioxolan-2-yl)ethyl)triphenylphosphonium bromide  |
| 404-950-0 | 90-04-0275<br>96-06-0790                             | N-HEXYLLITHIUM   | F; R 14/15-17<br>C; R 35   | n-hexyllithium  |
| 404-960-5 | 90-04-0278   | HOSTINERT 175  |  |   |
| 404-980-4 | 90-04-0277   | DIAZO-A-SALICYLSULFONATE   | E; R 2<br>T; R 23/25<br>Xn; R 21-48/22<br>Xi; R 41<br>R 43<br>N; R 50-53 | 4-dimethylaminobenzenediazonium 3-carboxy-4-hydroxybenzenesulfonate   |
| 404-986-7 | 89-04-0192<br>00-05-0360<br>91-06-0261               | BDS-HEXAFLUOROPHOSPHATE<br>BDS-HEXAFLUORPHOSPHAT<br>ESACURE 1004 | Xi; R 41<br>N; R 50-53   | A mixture of: thiobis(4,1-phenylene)-S,S',S'-tetraphenyldisulfonium bishexafluorophosphate; diphenyl(4-phenylthiophenyl)sulfonium hexafluorophosphate |
| 404-990-9 | 90-06-0223<br>90-02-0073                             | DOW CORNING (R) X2-7391<br>X2-7391                               |  |   |
| 405-000-8 | 90-04-0280   | REAKTIV-MARINEBLAU F-66 719 FW                                   |  |   |
| 405-010-2 | 90-06-0224   | REOFLAM P101   | N; R 51-53   | isopropylated, tert-butylated triphenylphosphate  |
| 405-020-7 | 90-04-0282<br>99-01-0569                             | SILANEOPHAN  |  | (4-ethoxyphenyl)(3-(4-fluoro-3-phenoxyphenyl)propyl)dimethylsilane  |
| 405-030-1 | 90-04-0283   | STABO-FIX  | Carc.Cat.2; R 45<br>Xn; R 22<br>C; R 34<br>R 43<br>R 52-53               | hydrazinium-bis(3-carboxy-4-hydroxybenzenesulfonate)  |

| EC Number | Registration Number  | Trade Name  | Classification         | Name in the IUPAC Nomenclature  |
|-----------|--|---|------------------------|---|
| 405-040-6 | 90-06-0225<br>91-01-0158<br>91-04-0360<br>92-06-0419<br>93-03-0221   | FLOROL<br>FLOROSA   | Xi; R 36               | A mixture of: cis-tetrahydro-2-isobutyl-4-methylpyran-4-ol;<br>trans-tetrahydro-2-isobutyl-4-methylpyran-4-ol   |
| 405-050-0 | 90-04-0291   | FLUORCHINOLONCARBONSÄURE  | Xn; R 22<br>R 52-53    | 7-chloro-1-cyclopropyl-6-fluoro-1,4-dihydro-4-oxoquinoline-3-carboxylic acid  |
| 405-060-5 | 90-04-0293   | BAYOTHRIN   | Xi; R 38<br>N; R 50-53 | 2,3,5,6-tetrafluorobenzyl trans-2-(2,2-dichlorovinyl)-3,3-dimethylcyclopropanecarboxylate   |
| 405-071-5 | 90-04-0286<br>91-01-0149<br>91-05-0125<br>91-06-0259   | ACID BROWN 450<br>BRUN ACIDE 450<br>C.I. ACID BROWN 450<br>POLYAZO BROWN 99<br>POLYAZO BROWN HWL 99 | *                      |   |
| 405-080-4 | 90-04-0294   | CCA-VERSUCHSPRODUKT SN 4001   | Xi; R 41<br>N; R 50-53 | A mixture of: (1,3-dioxo-2H-benz(de)isoquinolin-2-ylpropyl)hexadecyldimethylammonium<br>4-toluenesulfonate;<br>(1,3-dioxo-2H-benz(de)isoquinolin-2-ylpropyl)hexadecyldimethylammonium bromide |
| 405-090-9 | 90-05-0109<br>94-06-0639   | HYDRAMETHYLNON  | *                      |   |
| 405-100-1 | 90-04-0300<br>94-13-0015   | PIGMENTROT 1017<br>SUBSTANCE H112287  | Repr.Cat.3; R 62       | 5,6,12,13-tetrachloroanthra(2,1,9-def:6,5,10-d'e'f)diisoquinoline-1,3,8,10(2H,9H)-tetrone   |
| 405-110-6 | 90-04-0302<br>91-03-0169<br>91-04-0419<br>91-07-0022<br>92-01-0189<br>92-02-0097<br>92-02-0118<br>92-03-0185<br>92-04-0430<br>92-04-0441<br>92-04-0445<br>92-04-0452<br>92-05-0162<br>92-06-0361<br>92-06-0375<br>92-08-0074<br>92-11-0051<br>93-04-0526<br>93-05-0235<br>96-15-0063 | KAYASET BLACK T-2   | Xn; R 48/22<br>R 53    | tetradecylammonium bis(1-(5-chloro-1-oxidophenylazo)-2-naphtholato)chromate(1-)   |
| 405-120-0 | 90-06-0226<br>90-03-0118   | C.I. BLUE 15<br>HELIOGEN BLUE OS<br>NEOPEN BLUE FF<br>SUDAN BLUE OS                                 |                        |   |



| EC Number | Registration Number  | Trade Name                                   | Classification                 | Name in the IUPAC Nomenclature  |
|-----------|--|--|--------------------------------|---|
| 405-130-5 | 90-04-0305<br>94-06-0632   | PRO-JET BLACK 286 COLOUR<br>SUBSTANZ H112286 | R 43                           | tetraammonium 5-(4-(7-amino-1-hydroxy-3-sulfonato-2-naphthylazo)-6-sulfonato-1-naphthylazo)isophthalate   |
| 405-150-4 | 98-07-0163<br>90-04-0306   | FOOD BLACK 2, LITHIUM SALT                   | R 43                           | tetralithium 7-amino-1-hydroxy-2-(7-sulfonato-4-(4-sulfonatophenylazo)-1-naphthylazo)naphthalene-3,6-disulfonate  |
| 405-160-9 | 98-07-0161<br>90-04-0307   | DIRECT RED 227, TETRAMETHYLAMMONIUM SALT     | T; R 25<br>R 43<br>R 52-53     | hexakis(tetramethylammonium) 4,4'-vinylenebis((3-sulfonato-4,1-phenylene)imino(6-morpholin-4-yl-1,3,5-triazine-4,2-diyl)imino)bis(5-hydroxy-6-phenylazonaphthalene-2,7-disulfonate) |
| 405-170-3 | 98-07-0165<br>90-04-0308   | FOOD BLACK 2, TETRAMETHYLAMMONIUM SALT       | T; R 25<br>R 43<br>R 52-53     | tetrakis(tetramethylammonium) 6-amino-4-hydroxy-3-(7-sulfonato-4-(4-sulfonatophenylazo)-1-naphthylazo)naphthalene-2,7-disulfonate   |
| 405-180-8 | 90-06-0227<br>98-06-1119   | TTP CYAN 1                                   |                                |   |
| 405-190-2 | 90-01-0128<br>90-03-0128<br>90-04-0322<br>90-05-0118<br>90-06-0245<br>90-11-0016<br>90-12-0029<br>91-04-0342 | BLEU 1044098<br>BLUE 1044098                 | R 43<br>R 53                   | 2'-(4-chloro-3-cyano-5-formyl-2-thienylazo)-5'-diethylamino-2-methoxyacetanilide  |
| 405-200-5 | 90-01-0129<br>90-03-0127<br>90-04-0324<br>90-05-0119<br>90-06-0246<br>90-11-0014<br>90-12-0030<br>91-04-0341 | BLEU 1047679<br>BLUE 1047679                 | *                              |   |
| 405-220-4 | 90-02-0064   | V 157345                                     |                                |   |
| 405-230-9 | 90-04-0310   | CYCLOXYDIM                                   |                                |   |
| 405-240-3 | 90-03-0119<br>00-04-1271   | 1291-F<br>FUCD-4                             | R 43                           | tetrapotassium 2-(4-(5-(1-(2,5-disulfonatophenyl)-3-ethoxycarbonyl-5-hydroxypyrazol-4-yl)penta-2,4-dienylidene)-3-ethoxycarbonyl-5-oxo-2-pyrazolin-1-yl)benzene-1,4-disulfonate     |
| 405-250-8 | 90-06-0229   | VERTEC AT34                                  | *                              |   |
| 405-260-2 | 90-06-0230   | ACC ETHER                                    | Xn; R 22<br>R 43<br>N; R 50-53 | 4-chlorophenyl cyclopropyl ketone O-(4-aminobenzyl)oxime  |
| 405-270-7 | 90-07-0011<br>94-07-0056<br>96-07-0082   | BM   | R 43<br>N; R 50-53             | methyl 2-(3-nitrobenzylidene)acetoacetate   |

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|-----------|--|--|--|--|
| 405-280-1 | 90-05-0110<br>91-01-0147<br>91-03-0131<br>91-04-0343<br>91-06-0258<br>91-11-0022<br>91-12-0035<br>95-15-0058               | BRIGHTENER SM 1018 CONC.<br>LEUCOPHOR BCR              | Xi; R 36                                   | A mixture of: hexasodium 2,2'-vinylenebis[[(3-sulfonato-4,1-phenylene)amino(6-(N-(2-cyanoethyl)-N-(2-hydroxypropyl)amino)-1,3,5-triazine-4,2-diyl)amino)benzene-1,4-disulfonate]; hexasodium trans-4-[4-[N-(2-cyanoethyl)-N-(2-hydroxypropyl)amino]-6-(2,5-disulfonatoanilino)-1,3,5-triazin-2-ylamino]-4'-[6-(2,5-disulfonatoanilino)-4-[N-(2-hydroxypropylamino)-1,3,5-triazin-2-ylamino]stilbene-2,2'-disulfonate]; hexasodium trans-4-[4-[N-(2-carbamoylethyl)-N-(2-hydroxypropyl)amino]-6-(2,5-disulfonatoanilino)-1,3,5-triazin-2-ylamino]-4'-[6-(2,5-disulfonatoanilino)-4-[N-(2-cyanoethyl)-N-(2-hydroxypropylamino)-1,3,5-triazin-2-ylamino]stilbene-2,2'-disulfonate |
| 405-290-6 | 90-06-0231<br>92-06-0366   | B9484<br>FLAMTARD S                                    |  |  |
| 405-300-9 | 90-02-0066<br>94-06-0634   | AF-172<br>AF-172 (TRADE NAME IN JAPAN)<br>FPC 114      | Xn; R 22<br>Xi; R 36<br>R 43<br>N; R 51-53 | bis(2-dimethylaminoethyl)disulfide dihydrochloride   |
| 405-310-3 | 90-02-0067   | ASB  | E; R 2<br>Xn; R 48/22<br>Xi; R 41<br>R 43  | 3-azidosulfonylbenzoic acid  |
| 405-320-8 | 90-02-0068   | BIOFINE TM (R)-IPG                                     | *  |  |
| 405-330-2 | 90-06-0233   | CA10   | Xi; R 38-41<br>N; R 50-53                  | benzyl dimethyloctadecylammonium-3-nitrobenzenesulfonate   |
| 405-340-7 | 90-01-0132   | CYCLOWOOD  | Xi; R 38<br>N; R 51-53                     | 2,4-di-tert-butylcyclohexanone   |
| 405-345-4 | 90-04-0242<br>90-04-0334<br>90-04-0335   | DADHT<br>NC-4  |  | 1,5-diacetylperhydro-1,3,5-triazine-2,4-dione  |
| 405-350-1 | 90-07-0012<br>90-07-0013<br>94-07-0055   | EM   | R 43<br>N; R 51-53                         | 2-(N-benzyl-N-methylamino)ethyl 3-amino-2-butenate   |
| 405-360-6 | 90-06-0234   | KAYARAD R-825  | Xi; R 38-41<br>R 43<br>R 52-53             | A mixture of: 2-acryloyloxyethyl-hydrogen-cyclohexane-1,2-dicarboxylate; 2-methacryloyloxyethyl hydrogen cyclohexane-1,2-dicarboxylate   |
| 405-370-0 | 90-06-0235<br>90-01-0144<br>91-03-0150<br>91-04-0339<br>91-05-0122<br>91-11-0032<br>92-10-0004<br>95-06-0756<br>99-04-1209 | BHEAD<br>PRIMID XL-552<br>QM-552<br>VESTAGON EP-HA 320 |  |  |

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|-----------|--|---|------------------------------------|---|
| 405-380-5 | 90-04-0312<br>91-05-0135<br>91-05-0136<br>91-06-0316<br>91-07-0018<br>92-05-0152   | 2-CHLORO-4,5-DIFLUORO BENZOIC ACID<br>BA-6<br>CDFBA                     | Xn; R 21/22<br>Xi; R 41<br>R 43    | 2-chloro-4,5-difluorobenzoic acid   |
| 405-400-2 | 90-04-0314<br>00-04-1299   | KUPFER-II-METHANSULFONAT<br>KUPFERMETHANSULFONAT                        | Xn; R 22<br>Xi; R 41<br>N; R 50-53 | copper(II) methanesulfonate   |
| 405-410-7 | 90-07-0014<br>91-07-0019   | IN-4<br>INDENE IN-4   | Xi; R 38-41<br>R 43<br>N; R 51-53  | 6-fluoro-2-methyl-3-(4-methylthiobenzyl)indene  |
| 405-420-1 | 96-15-0061<br>90-04-0318   | EDDHMAFEK<br>FEEDDHMA.K   |                                    |   |
| 405-430-6 | 90-03-0123<br>95-04-0714   | 8390<br>DOWFAX* 8390-D SURFACTANT<br>DOWFAX* DRY DETERGENT POWDER       | *                                  |   |
| 405-440-0 | 90-04-0309<br>91-01-0148<br>91-03-0136<br>91-05-0127<br>91-06-0265<br>91-11-0029<br>91-12-0037                             | BRILLANT RED 1047729<br>BRILLIANT RED 1047729<br>ROUGE BRILLANT 1047729 | R 43                               | 2-(4-(5,6(or 6,7)-dichloro-1,3-benzothiazol-2-ylazo)-N-methyl-m-toluidino)ethyl acetate |
| 405-450-5 | 90-06-0237   | LU20  | R 43                               | sodium benzyloxybenzene-4-sulfonate   |
| 405-470-4 | 90-04-0319   | MARLOTHERM L  | *                                  |   |
| 405-480-9 | 90-06-0238<br>99-06-1195   | TTP MAGENTA 3   | Xn; R 22-48/22<br>Xi; R 38<br>R 53 | 5-(4-(N-(2-acetoxyethyl)-N-ethylamino)-2-methylphenylazo)-4-cyano-3-methylisothiazole   |
| 405-490-3 | 90-01-0136<br>02-06-1549<br>90-04-0311<br>91-06-0290<br>92-01-0218<br>92-04-0488<br>92-06-0345<br>92-06-0367<br>92-11-0058 | BNE<br>BON<br>NIPAFAX BNE<br>ZO-1                                       | R 53                               | 2-(phenylmethoxy)naphthalene  |
| 405-500-6 | 90-03-0125   | 1281-F  |                                    |   |
| 405-510-0 | 90-03-0126   | AF-365  | Xi; R 38<br>R 43                   | sodium 3,5-bis(3-(2,4-di-tert-pentylphenoxy)propylcarbonyl)benzenesulfinate             |
| 405-520-5 | 90-04-0295<br>90-06-0251<br>94-01-0337   | D-8<br>DD-8   | N; R 51-53                         | 4-(4-isopropoxyphenylsulfonyl)phenol  |

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|-----------|--|--|--|--|
| 405-540-4 | 90-04-0297<br>90-06-0253   | PSD-300  |  |  |
| 405-550-9 | 90-04-0321   | DISPERSIONSGELB 2910   |  |  |
| 405-560-3 | 90-06-0241<br>91-06-0260   | FLEXSORB HP SOLID<br>MALINE K  | Xn; R 22<br>C; R 35                      | potassium 2-amino-2-methylpropionate octahydrate   |
| 405-570-8 | 90-04-0326   | LIPINOL T<br>MARLOTHERM S  | N; R 50-53                               | A mixture of isomers of: dibenzylbenzene;<br>dibenzyl(methyl)benzene;<br>dibenzyl(dimethyl)benzene;<br>dibenzyl(trimethyl)benzene  |
| 405-580-2 | 90-04-0325   | 4-BROM-2-CHLORFLUORBENZOL  | Xn; R 22<br>Xi; R 38<br>N; R 50-53       | 4-bromo-2-chlorofluorobenzene  |
| 405-590-7 | 90-04-0323   | LEVAFIX OLIV E-GLA   | *  |  |
| 405-610-4 | 90-06-0244   | FLUTEC PP10<br>PERFLUOROHYDROFLUORENE  |  | docosafluorododecahydrofluorene  |
| 405-620-9 | 90-06-0247   | ARQUAD 3.16  | Xi; R 41<br>N; R 50-53                   | A mixture of: trihexadecylmethylammonium chloride;<br>dihexadecyldimethylammonium chloride   |
| 405-630-3 | 90-04-0299   | PLEX 6825-0  |  |  |
| 405-635-0 | 92-05-0165<br>90-04-0333<br>94-13-0011<br>95-15-0033   | TK 10891<br>XB 4458<br>XW 528<br>ZK XB 4458  | Xi; R 38-41<br>N; R 50-53                | bis[(1-methylimidazol)-(2-ethyl-hexanoate)], zinc complex  |
| 405-640-8 | 90-06-0248   | XU 40304.03L ANTIMICROBIAL   | Xn; R 48/22<br>Xi; R 38-41<br>N; R 50-53 | 2-(decylthio)ethylammonium chloride  |
| 405-650-2 | 90-06-0249<br>00-07-0200<br>92-04-0431<br>95-06-0698   | KANEKA LP-1<br>LISINOLPRIL (TFA)-ETHYLESTER<br>LISINOLPRILESTER<br>LISINOPRIL ESTER<br>LISINOPRIL TFA ESTER<br>LYS-PRO ESTER |  |  |
| 405-660-7 | 90-04-0313   | HOE S 3956   | *  |  |
| 405-665-4 | 90-04-0336<br>91-01-0161<br>91-03-0151<br>91-05-0130<br>91-06-0297<br>91-11-0033<br>91-12-0040<br>95-15-0056 | AZUL MARINHO 018112<br>BLEU MARINE 018112<br>NAVY 018112<br>NAVY BLUE 018112   | R 43<br>N; R 50-53                       | A mixture of: disodium (6-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)(1-(5-chloro-2-oxidophenylazo)-2-naphtholato)chromate(1-);<br>trisodium bis(6-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)chromate(1-) |
| 405-670-1 | 90-01-0142   | VP SANDUVOR 3052 LIQUIDE   | Xn; R 22-48/22<br>C; R 34<br>N; R 50-53  | A mixture of: dodecyl N-(2,2,6,6-tetramethylpiperidin-4-yl)- -alaninate;<br>tetradecyl N-(2,2,6,6-tetramethylpiperidin-4-yl)- -alaninate   |
| 405-680-6 | 90-06-0252<br>92-01-0185   | FEKPDTA<br>KFEPDTA   | E; R 2<br>N; R 51-53                     | potassium iron(III) 1,3-propanediamine-N,N,N',N'-tetraacetate hemihydrate  |

| EC Number | Registration Number  | Trade Name  | Classification                              | Name in the IUPAC Nomenclature   |
|-----------|--|---|---|--|
| 405-690-0 | 90-04-0337   | LYRISAL   | Xi; R 38<br>R 43<br>N; R 51-53              | 2,5,7,7-tetramethyloctanal   |
| 405-700-3 | 91-04-0340   | PYRIDABEN   | T; R 23/25<br>N; R 50-53                    | 2-tert-butyl-5-(4-tert-butylbenzylthio)-4-chloropyridazin-3(2H)-one                                    |
| 405-710-8 | 91-06-0254<br>94-06-0621<br>97-05-0292   | DP-3337   | Xn; R 22-48/22<br>C; R 34<br>R 43           | hydroxyphosphonoacetic acid  |
| 405-720-2 | 91-11-0021   | F1 MINERAL FLOTATION COLLECTOR (40% HTEA.HCL)                         | Xn; R 22<br>Xi; R 41<br>R 43<br>N; R 51-53  | A mixture of: 2-(hexylthio)ethylamine hydrochloride;<br>sodium propionate                              |
| 405-730-7 | 91-03-0130   | JKY-120   | Xn; R 48/22<br>R 53                         | 4-(4-tolyloxy)biphenyl   |
| 405-740-1 | 91-06-0255   | AROXY L-10  | Xn; R 20/22-48/22<br>Xi; R 41<br>N; R 50-53 | 4,4'-ethylidenediphenyl dicyanate  |
| 405-750-6 | 91-11-0020   | DERMA GRAU GBL<br>LEATHER GREY 1006279                                |   |  |
| 405-760-0 | 90-04-0317   | UNISOL S  | Xi; R 41<br>R 43<br>R 52-53                 | A mixture of isomers of: sodium phenethylnaphthalenesulfonate;<br>sodium naphthylethylbenzenesulfonate |
| 405-770-5 | 90-04-0304<br>93-06-0457   | SUBSTANCE H112287   | *   |  |
| 405-790-4 | 91-06-0256   | AROXY M-10  | R 43<br>R 52-53                             | 4,4'-methylenebis(2,6-dimethylphenyl cyanate)  |
| 405-800-7 | 91-06-0257<br>91-04-0399<br>93-03-0256   | THPE<br>TRIS(P-HYDROXYPHENYL)ETHANE<br>TRIS(PARA-HYDROXYPHENYL)ETHANE | N; R 51-53                                  | 4,4',4''-(ethan-1,1,1-triyl)triphenol  |
| 405-810-1 | 91-03-0132   | NAMA  |   |  |
| 405-820-6 | 96-01-0386<br>91-02-0072   | ETHOXY PROPOXY PROPANOL<br>ETHOXYPROPOXY PROPANOL(EDP)                |   |  |
| 405-830-0 | 90-04-0270   | CPD-KETON/CYCLOPENTADECANOLID   |   | oxacyclohexadecane-2,13-dione  |
| 405-840-5 | 90-04-0292   | COMPIMIDE TM 121  | R 43<br>N; R 50-53                          | 1,1'-(1,3-phenylenedioxy)bis(3-(2-(prop-2-enyl)phenoxy)propan-2-ol)                                    |
| 405-860-4 | 91-05-0126<br>91-01-0170<br>91-04-0368<br>91-06-0300<br>91-08-0059<br>91-12-0043 | BASIC YELLOW 105<br>C.I. BASIC YELLOW 105                             | R 43<br>N; R 51-53                          | trans-N-methyl-2-styryl-[4'-(aminomethine-(1-acetyl-1-(2-methoxyphenyl)acetamido)]pyridinium acetate   |
| 405-880-3 | 91-02-0077   | DM-8  | R 43<br>R 52-53                             | ethyl 1-ethyl-6,7,8-trifluoro-1,4-dihydro-4-oxoquinoline-3-carboxylate                                 |
| 405-890-8 | 90-04-0268   | ROSAPHEN  | Xi; R 36/38                                 | 2-methyl-5-phenylpentanol  |
| 405-900-0 | 91-04-0350   | REAKTIV-ROT F-66813   |   |  |

| EC Number | Registration Number  | Trade Name   | Classification                                | Name in the IUPAC Nomenclature  |
|-----------|--|--|---|---|
| 405-910-5 | 91-03-0137   | NT-7   |   |   |
| 405-930-4 | 91-03-0138   | NT-8   | Xn; R 22<br>Xi; R 36<br>R 52-53               | 1-(3-phenylpropyl)-2-methylpyridinium bromide   |
| 405-940-9 | 98-07-0164<br>91-04-0351   | ACID RED 52 LITHIUM SALT<br>RED DYE FOR PAINTJET PRINT CARTRIDGE                     |   |   |
| 405-950-3 | 98-07-0162<br>91-04-0352   | DIRECT YELLOW 86 TETRAMETHYLAMMONIUM SALT<br>YELLOW DYE FOR PAINTJET PRINT CARTRIDGE | T; R 25<br>R 52-53                            | tetrakis(tetramethylammonium)-3,3'-(6-(2-hydroxyethylamino)-1,3,5-triazine-2,4-diyldisimino(2-methyl-4,1-phenyleneazo))bisnaphthalene-1,5-disulfonate   |
| 405-960-8 | 91-06-0266   | ETHOXYLATED POLYESTER RESIN  | R 43<br>N; R 51-53                            | A mixture of n-octadecylaminodiethyl bis(hydrogen maleate);<br>n-octadecylaminodiethyl hydrogen maleate hydrogenphthalate   |
| 405-970-2 | 91-06-0267   | NAD  |   |   |
| 405-980-7 | 91-07-0016<br>00-07-0207<br>01-07-0213<br>91-06-0339   | 4-PHENYL-1-BUTENE<br>SQ 31,175<br>SQ31175  | Xi; R 38<br>N; R 51-53                        | 4-phenylbut-1-ene   |
| 405-990-1 | 98-05-0307<br>91-07-0015   | 640 AMMONIUM SALT<br>S-102   | F; R 11                                       | ammonium (Z)- -methoxyimino-2-furylacetate  |
| 406-000-0 | 91-06-0268<br>92-01-0195<br>93-01-0275   | C.I. DIRECT BLACK 184<br>C.I. DIRECT NOIR 184  | Xi; R 41<br>N; R 51-53                        | A 2:1 mixture of: tris(3,5,5-trimethylhexylammonium)-4-amino-3-(4-(4-(2-amino-4-hydroxyphenylazo)anilino)-3-sulfonatophenylazo)-5,6-dihydro-5-oxo-6-phenylhydrazononaphthalene-2,7-disulfonate;<br>tris(3,5,5-trimethylhexylammonium)-4-amino-3-(4-(4-(4-amino-2-hydroxyphenylazo)anilino)-3-sulfonatophenylazo)-5,6-dihydro-5-oxo-6-phenylhydrazononaphthalene-2,7-disulfonate |
| 406-010-5 | 91-06-0271<br>91-07-0020   | SULPHONAMIDO-ANILINE   | Xi; R 41<br>R 43<br>N; R 51-53                | (4-aminophenyl)-N-methylmethylenesulfonamide hydrochloride  |
| 406-019-4 | 91-03-0140   | AF-363   |   |   |
| 406-030-4 | 91-07-0017   | BRL 29226  | Xn; R 22<br>Xi; R 41<br>N; R 51-53            | (-)-trans-4-(4'-fluorophenyl)-3-hydroxymethyl-N-methylpiperidine  |
| 406-040-9 | 91-04-0358<br>91-01-0174<br>91-03-0167<br>91-04-0400<br>91-05-0144<br>91-06-0320<br>92-02-0093<br>92-11-0047<br>95-15-0038 | IRGANOX 1135<br>IRGANOX L 135  | *   |   |
| 406-050-3 | 90-04-0279   | DAPH   |   |   |
| 406-052-4 | 91-04-0359   | CM 26-137  | R 10<br>Xn; R 22<br>Xi; R 38-41<br>N; R 51-53 | di-tert-(C12-14)-alkylammonium 2-benzothiazolylthiosuccinate  |

| EC Number | Registration Number  | Trade Name   | Classification  | Name in the IUPAC Nomenclature   |
|-----------|--|--|---|--|
| 406-055-0 | 91-04-0361   | BASIC RED FC 48215   | Xn; R 22<br>Xi; R 41<br>R 43<br>N; R 51-53              | 3(or 5)-(4-(N-benzyl-N-ethylamino)-2-methylphenylazo)-1,4-dimethyl-1,2,4-triazolium methylsulphate         |
| 406-057-1 | 91-04-0363   | ANTHRACHINON BLAU 27 HD  | Carc.Cat.3; R 40<br>R 43<br>R 53                        | 4-[4-(1,3-dihydroxyprop-2-yl)phenylamino]-1,8-dihydroxy-5-nitroanthraquinone                               |
| 406-060-8 | 91-06-0274<br>91-06-0275<br>91-06-0276<br>91-06-0332<br>91-07-0026<br>94-04-0692 | MICROLITE (R) POWDER<br>MICROLITE (R) VERMICULITE DISPERSIONS<br>MICROLITE POWDER<br>MICROLITE SPECIALITY VERMICULITE<br>MICROLITE VERMICULITE DISPERSIONS<br>MICROLITE-VERMICULITDISPERSIONEN |   | Reaction products of vermiculite with lithium citrate  |
| 406-073-9 | 91-04-0364<br>97-07-0121<br>98-06-1150   | LEXMARK YELLOW DYE 415<br>PRISM YELLOW   | T; R 25<br>R 52-53                                      | tris(tetramethylammonium) 5-hydroxy-1-(4-sulphonatophenyl)-4-(4-sulphonatophenylazo)pyrazole-3-carboxylate |
| 406-077-0 | 91-04-0365   | REAKTIVBLAU 1463   |   |  |
| 406-080-7 | 91-06-0277<br>01-02-0310<br>91-04-0384   | JEFFCAT ZF-10<br>TEXACAT ZF-10   | Xn; R 22<br>C; R 34<br>R 52-53                          | 2-[(2-[2-(dimethylamino)ethoxy]ethyl)methylamino]ethanol   |
| 406-090-1 | 91-06-0278   | SULPHAZINE   | Muta.Cat.3; R 68<br>T; R 25-48/25<br>R 43<br>N; R 50-53 | (4-hydrazinophenyl)-N-methylmethanesulfonamide hydrochloride   |
| 406-100-4 | 91-06-0280   | NCC ETHER  | R 43<br>N; R 50-53                                      | (E,Z)-4-chlorophenyl(cyclopropyl)ketone O-(4-nitrophenylmethyl)oxime                                       |
| 406-110-9 | 91-06-0281<br>92-02-0092   | EF-40  | Xn; R 22-48/22<br>C; R 34<br>R 43<br>N; R 50-53         | 2-bromo-1-(2-furyl)-2-nitroethylene  |
| 406-140-2 | 91-06-0282   | INDAR  | N; R 50-53  | 4-(4-chlorophenyl)-2-phenyl-2-[(1H-1,2,4-triazol-1-yl)methyl]butanenitrile                                 |
| 406-144-4 | 91-04-0366   | SOFTENOL 3649<br>SOFTISAN 645<br>SOFTISAN 649  | *   |  |
| 406-150-7 | 90-04-0284   | NA-2-ETHYLHEXANOLAT  | F; R 11<br>C; R 34<br>R 52-53                           | sodium 2-ethylhexanoate  |
| 406-160-1 | 92-04-0467<br>91-11-0026   | 1,3-DICHLOR-4-FLUORBENZOL<br>B-7   | Xn; R 22-48/20/22<br>Xi; R 38<br>N; R 51-53             | 1,3-dichloro-4-fluorobenzene   |

| EC Number | Registration Number  | Trade Name  | Classification  | Name in the IUPAC Nomenclature   |
|-----------|--|---|---|--|
| 406-170-6 | 91-04-0348<br>91-01-0167<br>91-05-0137<br>91-06-0328<br>91-08-0060<br>91-12-0042 | C.I. DIRECT RED 262<br>DIAZO RED DK 618<br>DISAZO RED DK 618<br>DISAZO ROT DK 618 |   |  |
| 406-173-2 | 91-04-0346<br>97-04-0979   | .BETA.-ALANINDIESSIGSÄURE-EISEN-III-SALZ<br>BM 3                                  |   | iron(III) N,N-bis(carboxymethyl)-alaninate trihydrate  |
| 406-176-9 | 91-04-0355<br>91-01-0179<br>91-02-0083<br>91-04-0356<br>92-11-0069               | NC-4  |   | 2,6-bis(4-ethylphenyl)perhydro-1,3,5,7-tetraoxanaphth-4-ylethane-1,2-diol  |
| 406-180-0 | 90-03-0103<br>98-06-1185   | ARCOSOLV PTB<br>ARCOSOLV(R) PTB   | R 10<br>Xi; R 41  | 1-tert-butoxypropan-2-ol   |
| 406-190-5 | 91-06-0285<br>91-06-0301   | BISULPHITE ADDUCT<br>GR59658A   | Xn; R 22<br>Xi; R 36<br>R 43  | sodium 4-chloro-1-hydroxybutane-1-sulfonate  |
| 406-200-8 | 91-03-0144<br>95-04-0713   | COUPLER II<br>UC-136  | R 43  | 3',5'-dichloro-4'-ethyl-2'-hydroxypalmitanilide  |
| 406-210-2 | 91-03-0145   | UC-131  | R 53  | 1-hydroxy-5-(2-methylpropyloxycarbonylamino)-N-(3-dodecyloxypropyl)-2-naphthoamide   |
| 406-220-7 | 91-03-0146   | CIB R634  | *   |  |
| 406-230-1 | 91-03-0147   | R633  | R 10<br>Carc.Cat.3; R 40<br>Xn; R 20<br>C; R 34<br>R 43<br>N; R 50-53 | Reaction product of: acetophenone, formaldehyde, cyclohexylamine, methanol and acetic acid   |
| 406-235-9 | 91-04-0369   | VINYLMILCHSÄURE-ISO-BUTYLESTER  | Xi; R 36/38   | 2-methylpropyl 2-hydroxy-2-methylbut-3-enoate  |
| 406-240-6 | 91-06-0287   | MCP 455   | R 10<br>C; R 34<br>N; R 51-53   | A mixture of: bis(isotridecylammonium)mono(di-(4-methylpent-2-yloxy)thiophosphorothionylisopropyl)phosphate;<br>isotridecylammonium bis(di-(4-methylpent-2-yloxy)thiophosphorothionylisopropyl)phosphate |
| 406-250-0 | 91-03-0148   | HALOXYFOP R-(+)-ME HERBICIDAL CHEMICAL  | Xn; R 22<br>N; R 50-53  | methyl (R)-2-(4-(3-chloro-5-trifluoromethyl-2-pyridyloxy)phenoxy)propionate  |
| 406-260-5 | 91-05-0131<br>99-11-0157   | BTN<br>VPO CATALYST   | Xi; R 36<br>R 43<br>R 52-53   | vanadyl pyrophosphate  |
| 406-280-4 | 91-06-0288<br>92-04-0500<br>92-05-0182<br>92-11-0062                             | DISPERSION SYF-23   | N; R 50-53  | 3-(2,6-dichloro-4-nitrophenylazo)-1-methyl-2-phenylindole  |
| 406-290-9 | 91-06-0289   | C.I. REACTIVE BLUE 243  |   |  |
| 406-295-6 | 91-04-0370   | PIGMENTADDITIV GO   | R 53  | 2,2'-[3,3'-(piperazine-1,4-diyl)dipropyl]bis(1H-benzimidazo[2,1-b]benzo[1,m,n][3,8]phenanthroline-1,3,6-trione   |



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|-----------|--|---|---|---|
| 406-300-1 | 91-01-0159   | 4-(3,4-DICHLOROPHENYL)-TETRALONE  |   |   |
| 406-305-9 | 91-04-0376<br>91-04-0409<br>92-04-0440               | PLAKATROT Z<br>ROT BN   | Xi; R 38<br>N; R 51-53                  | 4-[(3-hydroxypropyl)amino]-3-nitrophenol  |
| 406-310-6 | 91-03-0149<br>91-07-0028<br>92-04-0423<br>97-06-0943 | HAMAC<br>HOE PRECURSOR I<br>KANEKA-AL-1<br>PD 110131<br>S,S-N-(1-ETHOXYCARBONYL)-3-PHENYLPROPYL-<br>ALANINE |   |   |
| 406-320-0 | 91-01-0160   | C 1812  |   |   |
| 406-325-8 | 91-04-0373   | EMULGATOR SWA<br>EMULVIN SWA  | Xn; R 22<br>R 52-53                     | A mixture of isomers of: -((dimethyl)biphenyl)- -hydroxypoly(oxyethylene)   |
| 406-330-5 | 90-03-0121<br>96-11-0125                             | PRISMANTOL  | Xi; R 38<br>R 43<br>N; R 51-53          | 4-methyl-8-methylenetricyclo[3.3.1.1 <sup>3,7</sup> ]decan-2-ol   |
| 406-350-4 | 91-06-0292   | HTA POLYMER   |   |   |
| 406-360-9 | 91-06-0293<br>99-01-0559<br>99-06-1225               | 1146U85   | R 53                                    | 1-(3-mesyloxy-5-trityloxymethyl-2-D-threofuryl)thymine  |
| 406-370-3 | 91-06-0295<br>96-06-0860                             | MDI/CHA<br>MDI  | *                                       |   |
| 406-380-8 | 91-06-0298<br>92-06-0385                             | 4-CPCCA   | *                                       |   |
| 406-390-2 | 91-03-0152   | UM-228  | N; R 50-53                              | N-(2-(6-chloro-7-methylpyrazolo(1,5-b)-1,2,4-triazol-4-yl)propyl)-2-(2,4-di-tert-pentylphenoxy)octanamide                         |
| 406-400-5 | 91-03-0153   | AF-368  | Xn; R 48/22<br>Xi; R 38<br>R 43<br>R 53 | 2-n-hexadecylhydroquinone   |
| 406-420-4 | 91-03-0154   | DC 5067   | R 53                                    | -trimethylsilanyl- -trimethylsiloxypoly[oxy(methyl-3-(2-(2-methoxypropoxy)propoxy)propylsilanediy)]-co-oxy(dimethylsilane))       |
| 406-430-9 | 91-03-0156   | CROMOPHTAL YELLOW 4190A   | *                                       |   |
| 406-440-3 | 91-06-0302<br>91-01-0176                             | XP-282  |   |   |
| 406-450-8 | 91-06-0303<br>91-05-0146                             | 5-NQD   |   |   |
| 406-460-2 | 91-06-0304   | AUTOTYPE PHOTOPOLYMER   | R 52-53                                 | Reaction products of: poly(vinyl acetate), partially hydrolyzed, with (E)-2-(4-formylstyryl)-3,4-dimethylthiazoliummethyl sulfate |
| 406-470-7 | 91-04-0347<br>91-06-0305                             | HS-3520   |   | bis(4-methylbenzyl) oxalate   |
| 406-480-1 | 91-06-0308   | BK 305  | N; R 50-53                              | 2'-anilino-3'-methyl-6'-dipentylaminospiro(isobenzofuran-1(1H),9'-xanthen)-3-one  |

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|-----------|--------------------------|---|---|--|
| 406-490-6 | 91-06-0309<br>91-02-0085 | DOW CORNING (R) Q2-7492<br>DOW CORNING (R) Q2-7492 INT<br>DOW CORNING (R) X2-7492<br>DOW CORNING Q2-7492<br>DOW CORNING X2-7492 | N; R 51-53                                      | A mixture of: 1,3-dihex-5-en-1-yl-1,1,3,3-tetramethyldisiloxane;<br>1,3-dihex-n-en-1-yl-1,1,3,3-tetramethyldisiloxane  |
| 406-500-9 | 91-02-0082               | V67282  | R 43  | potassium 4-(11-methacrylamidoundecanamido)benzenesulfonate  |
| 406-510-3 | 91-03-0161               | UM-225  | *   |  |
| 406-520-8 | 91-06-0310<br>91-04-0388 | 2-CHLOR-4-METHYLSULFONYLBENZOESÄURE<br>CMSBA  | Xi; R 41  | 2-chloro-4-(methylsulfonyl)benzoic acid  |
| 406-530-2 | 91-06-0311               | MDI   | R 53  | A mixture of: 3,3'-dicyclohexyl-1,1'-methylenebis(4,1-phenylene)diurea;<br>3-cyclohexyl-1-(4-(4-(3-octadecylureido)benzyl)phenyl)urea;<br>3,3'-dioctadecyl-1,1'-methylenebis(4,1-phenylene)diurea        |
| 406-540-7 | 91-06-0312<br>92-06-0373 | MDI/CHA/SA  |   |  |
| 406-550-1 | 91-06-0313               | MDI   | R 43<br>R 53                                    | A mixture (1:2:1) of: bis(N-cyclohexyl-N'-phenyleneureido)methylene;<br>bis(N-octadecyl-N'-phenyleneureido)methylene;<br>bis(N-dicyclohexyl-N'-phenyleneureido)methylene                                 |
| 406-560-6 | 91-03-0162<br>97-11-0140 | PRISMYLATE  | Xi; R 38<br>R 43<br>N; R 51-53                  | 4-methyl-8-methylenetricyclo[3.3.1.1 <sup>3,7</sup> ]dec-2-yl acetate  |
| 406-570-0 | 91-06-0314               | PERMAPOL MS-205   |   | A mixture of isomers of: ,'-oxybis(ethyleneoxycarbonylamino(3,1-(methyl)phenylene)aminocarbonyl)bispoly(oxypropylene)bis(methyl-3-(3-(2-trimethoxysilanylethylthio)propoxycarbonylamino)phenylcarbamate) |
| 406-580-5 | 91-03-0163<br>93-06-0438 | MCDPAE  | Xi; R 38<br>R 52-53                             | ethyl 2-chloro-2,2-diphenylacetate   |
| 406-600-2 | 91-06-0317               | DPX-E6758   | R 43<br>N; R 51-53                              | phenyl N-(4,6-dimethoxypyrimidin-2-yl)carbamate  |
| 406-610-7 | 90-04-0338               | DDPD  | R 10<br>Xn: R 20/22-48/20<br>C; R 35<br>R 52-53 | N,N-diethyl-N',N'-dimethylpropan-1,3-diamine   |
| 406-620-1 | 91-04-0375               | MP-2000<br>MP-2000X   | *   | Reaction products of: aniline-terephthalaldehyde-o-toluidine condensate with maleic anhydride  |
| 406-630-6 | 91-04-0380<br>97-04-0967 | CFA<br>HOE 108219   | Xi; R 38<br>N; R 51-53                          | 1-allyl-3-chloro-4-fluorobenzene   |
| 406-640-0 | 91-04-0381               | KEROFLUX ES 3241  | R 43  | A mixture of: 2,2',2''-(ethylenedinitrilotetrakis-N,N-di(C16)alkylacetamide);<br>2,2',2''-(ethylenedinitrilotetrakis-N,N-di(C18)alkylacetamide)  |
| 406-650-5 | 91-04-0382               | POTASSIUM-P-TOLYLSULFIMIDE  | Xi; R 41  | potassium-N-(4-toluenesulfonyl)-4-toluenesulfonamide   |
| 406-670-4 | 91-04-0383               | 4-PENTYLCYCLOHEXANON  | N; R 51-53                                      | 4-pentylcyclohexanone  |
| 406-680-9 | 91-03-0133               | ELFADOX EN 3001   | O; R 7<br>Xi; R 41<br>R 43<br>N; R 50           | 6-(nonylamino)-6-oxoperoxyhexanoic acid  |
| 406-690-3 | 91-06-0318               | MDI/ODA   | *   |  |

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|-----------|--|---|--|--|
| 406-700-6 | 91-04-0391   | 4-(4-PROPYLCYCLOHEXYL)-ACETOPHENON                          | R 43<br>R 53   | 4-(trans-4-propylcyclohexyl)acetophenone   |
| 406-710-0 | 91-06-0319   | TETRAFLUROQUINOLONE   |  | 1-(2,4-difluorophenyl)-6,7-difluoro-1,4-dihydro-4-oxoquinoline-3-carboxylic acid   |
| 406-720-5 | 91-07-0023   | LRD-A   | R 52-53  | N-tert-butyl-3-methylpicolinamide  |
| 406-740-4 | 91-07-0024   | BTA-A<br>FLUTAMIDE BTA-A                                    | Xn; R 48/22<br>N; R 51-53  | 3'-trifluoromethylisobutyranilide  |
| 406-750-9 | 91-04-0392<br>91-01-0180<br>91-03-0175<br>91-05-0147<br>92-02-0099<br>92-06-0358<br>92-11-0064<br>99-16-0015 | TINUVIN 123   | R 53   | A mixture of: bis(2,2,6,6-tetramethyl-1-octyloxypiperidin-4-yl)-1,10-decanedioate;<br>1,8-bis[(2,2,6,6-tetramethyl-4-((2,2,6,6-tetramethyl-1-octyloxypiperidin-4-yl)-decan-1,10-diyl)piperidin-1-yl)oxy]octane |
| 406-760-3 | 91-04-0393   | 2,3,4,5-TETRACHLORBENZOYLCHLORID                            | Xn; R 22<br>C; R 34<br>R 43  | 2,3,4,5-tetrachlorobenzoylchloride   |
| 406-770-8 | 91-04-0354<br>98-11-0156   | SAFRANIN SHMN   | *  | bis(N-(7-hydroxy-8-methyl-5-phenylphenazin-3-ylidene)dimethylammonium) sulfate   |
| 406-780-2 | 91-04-0394   | BAYGENAL GRAU L-NG-R "F"                                    |  |  |
| 406-790-7 | 91-07-0025   | E.M.A.  | Xi; R 41<br>N; R 50-53   | (9S)-9-amino-9-deoxyerythromycin   |
| 406-810-4 | 91-04-0395   | BICH-3 STUFE 3  | Xi; R 38<br>R 52-53  | 4-propylcyclohexanone  |
| 406-820-9 | 91-01-0166<br>92-03-0191<br>92-04-0446<br>92-05-0164<br>92-06-0371<br>92-11-0057<br>92-12-0053               | SCARLET 12 04 262   | Xi; R 36   | trisodium 1-hydroxynaphthalene-2-azo-4'-(5',5"-dimethylbiphenyl)-4"-azo(4"-phenylsulfonyloxybenzene)-2',2",4-trisulfonate  |
| 406-830-3 | 91-01-0171<br>91-12-0050<br>92-05-0153<br>92-06-0344<br>92-08-0071   | ABSORBEUR UV BUK 4348<br>CG 30-0281<br>UV-ABSORBER BUK 4348 |  |  |
| 406-840-8 | 91-03-0165   | UC-132  | R 53   | 3',5'-dichloro-2-(2,4-di-tert-pentylphenoxy)-4'-ethyl-2'-hydroxyhexanilide   |
| 406-850-2 | 91-06-0321<br>91-04-0378   | BAS 480 F   | Carc.Cat.3; R 40<br>Repr.Cat.2; R 61<br>Repr.Cat.3; R 62<br>N; R 51-53 | (2RS,3RS)-3-(2-chlorophenyl)-2-(4-fluorophenyl)-[(1H-1,2,4-triazol-1-yl)methyl]oxirane   |

| EC Number | Registration Number  | Trade Name   | Classification                  | Name in the IUPAC Nomenclature   |
|-----------|--|--|---------------------------------|--|
| 406-860-7 | 91-01-0168<br>91-05-0151<br>91-08-0067<br>91-12-0047<br>92-06-0341<br>94-13-0014<br>95-15-0026   | JAUNE REACTIF 181<br>REACTIVE YELLOW 181   |                                 |  |
| 406-870-1 | 91-11-0035   | BROWN 1619246  | *                               |  |
| 406-880-6 | 91-06-0322<br>91-05-0148<br>91-12-0045<br>92-01-0198<br>92-02-0098<br>92-03-0184<br>92-04-0447<br>92-07-0032<br>92-08-0075<br>92-11-0048<br>99-16-0030 | ACETATE DPMA ACROSOLV<br>ACROSOLV DPMA ACETAT<br>ACROSOLV DPMA ACETATE<br>DOWANOL DPMA GLYCOL ETHER<br>DOWANOL DPMA GLYKOL ETHER<br>ETHER DE GLYCOL DPMA DOWANOL | *                               | A mixture of RR and RS isomers of: (2-(2-methoxy-1-methyl)ethoxy)-1-methylethyl acetate; (2-(2-methoxy-2-methyl)ethoxy)-1-methylethyl acetate; (2-(2-methoxy-2-methyl)ethoxy)-2-methylethyl acetate; (2-(2-methoxy-1-methyl)ethoxy)-2-methylethyl acetate  |
| 406-890-0 | 91-06-0323<br>91-03-0168   | BONTRON E-88   | Xn; R 22<br>N; R 50-53          | A mixture of: hydroxyaluminium-bis[2-hydroxy-3,5-di-tert-butylbenzoate]; 3,5-di-tert-butylsalicylic acid   |
| 406-900-3 | 91-01-0169   | UP 169   | N; R 50-53                      | 1,4-bis[2-(vinyloxy)ethoxy]benzene   |
| 406-910-8 | 91-05-0138<br>92-01-0227<br>92-04-0519<br>92-06-0420<br>99-01-0579   | C.I. DIRECT VIOLET 9<br>VIOLET PERGASOL EN LIQUIDE   | Xn; R 22<br>Xi; R 41<br>R 52-53 | A mixture of: bis(tris(2-(2-hydroxy(1-methyl)ethoxy)ethyl)ammonium) 7-anilino-4-hydroxy-3-(2-methoxy-5-methyl-4-(4-sulfonatophenylazo)phenylazo)naphthalene-2-sulfonate; bis(tris(2-(2-hydroxy(2-methyl)ethoxy)ethyl)ammonium) 7-anilino-4-hydroxy-3-(2-methoxy-5-methyl-4-(4-sulfonatophenylazo)phenylazo)naphthalene-2-sulfonate |
| 406-920-2 | 91-01-0175<br>91-12-0049<br>92-05-0155<br>92-06-0348<br>92-08-0069<br>95-15-0027   | MONOAZO RED TZ 3369<br>REACTIVE RED 244<br>ROUGE REACTIVE 244  |                                 |  |
| 406-930-7 | 91-04-0406<br>92-02-0090   | DOW CORNING (R) 4-2920 INTERMEDIATE<br>DOW CORNING (R) X4-2920   | *                               |  |
| 406-940-1 | 91-04-0401   | DP 211   | N; R 51-53                      | O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate  |
| 406-950-6 | 91-05-0140<br>92-04-0521<br>98-06-1131   | BPFL<br>FLUOREN-BIS-PHENOL   | Xi; R 36-38<br>N; R 50-53       | 9,9-bis(4-hydroxyphenyl)fluorene   |
| 406-960-0 | 91-07-0027<br>00-04-1230<br>93-06-0454<br>93-07-0054   | PD 114683-10<br>TIC-B  | N; R 51-53                      | (S)-3-benzyloxycarbonyl-1,2,3,4-tetrahydro-isoquinolinium 4-methylbenzenesulfonate   |
| 406-970-5 | 91-05-0139   | DONOR C2<br>IIDP   | Xi; R 38<br>N; R 51-53          | 2-isopropyl-2-(1-methylbutyl)-1,3-dimethoxypropane   |
| 406-990-4 | 91-04-0402   | UV-ABSORBER BIS-DHB-AC   | N; R 51-53                      | 1,3-bis(4-benzoyl-3-hydroxyphenoxy)prop-2-yl acetate   |

| EC Number | Registration Number  | Trade Name                               | Classification   | Name in the IUPAC Nomenclature   |
|-----------|--|--|--|--|
| 407-000-3 | 91-06-0325<br>91-05-0150<br>92-01-0192<br>92-02-0111<br>92-03-0180<br>92-04-0425<br>92-11-0052<br>95-15-0039               | CGL 384<br>TINUVIN 384                   | N; R 51-53   | A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]propionates   |
| 407-010-8 | 91-04-0404   | BASISCH GELB 8511                        | Xn; R 22<br>Xi; R 41<br>N; R 51-53                         | 2,4-bis[2,2'-[2-(N,N-dimethylamino)ethyloxycarbonyl]phenylazo]-1,3-dihydroxybenzene-dihydrochloride  |
| 407-020-2 | 91-06-0326<br>90-04-0281   | NITROBLAU<br>NITROBLUE                   | Xn; R 22<br>R 43<br>R 52-53                                | 4-[N-ethyl-N-(2-hydroxyethyl)amino]-1-(2-hydroxyethyl)amino-2-nitrobenzene, monohydrochloride  |
| 407-030-7 | 91-06-0327   | DEBROPOL                                 | T; R 24<br>Xn; R 22-48/22<br>C; R 34<br>R 43<br>N; R 50-53 | 2-bromo-2-nitropropanol  |
| 407-040-1 | 91-01-0173<br>91-12-0048<br>92-05-0154<br>92-06-0342<br>92-08-0070   | JAUNE REACTIF 180<br>REACTIVE YELLOW 180 |  |  |
| 407-050-6 | 91-02-0087   | ORANGE BIREACTIVE DYE                    | R 43   | 7-[[[(4,6-dichloro-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-(4-((2-(sulfoxy)ethyl)sulfonyl)phenyl)azo)naphthalene-2-sulfonic acid   |
| 407-060-0 | 91-05-0141<br>92-04-0483<br>93-01-0289<br>93-05-0234   | HEXYLKETOESTER                           | *  |  |
| 407-070-5 | 91-03-0170   | UM-229                                   | R 43<br>R 53   | N-(2-(6-ethyl-7-(4-methylphenoxy)-1H-pyrazolo[1,5-b][1,2,4]triazol-2-yl)propyl)-2-octadecyloxybenzamide  |
| 407-090-4 | 91-04-0385<br>92-04-0435   | AHP                                      |  | disodium(perhydro-2H-azepin-2-ylidene)diphosphonate  |
| 407-100-7 | 91-05-0142<br>93-01-0276<br>93-03-0248<br>93-04-0585<br>93-06-0499<br>93-11-0101<br>93-12-0086<br>94-02-0138<br>95-15-0052 | DRIMAREN NAVY R-GRL<br>NAVY 14 08 723    | R 43   | A mixture of: sodium/potassium (3-(4-(5-(5-chloro-2,6-difluoropyrimidin-4-ylamino)-2-methoxy-3-sulfonatophenylazo)-2-oxidophenylazo)-2,5,7-trisulfonato-4-naphtholato)copper(II); sodium/potassium (3-(4-(5-(5-chloro-4,6-difluoropyrimidin-2-ylamino)-2-methoxy-3-sulfonatophenylazo)-2-oxidophenylazo)-2,5,7-trisulfonato-4-naphtholato)copper(II) |
| 407-110-1 | 91-05-0143   | BROWN 1612969                            | *  |  |
| 407-120-6 | 91-06-0329<br>97-06-1011   | 741U85                                   | R 53   | 1-(2-deoxy-5-O-trityl-β-D-threopentofuranosyl)thymine  |

| EC Number | Registration Number  | Trade Name   | Classification                             | Name in the IUPAC Nomenclature  |
|-----------|--|--|--|---|
| 407-130-0 | 91-06-0330<br>92-02-0102<br>98-04-1053<br>99-02-0246   | BP AMOCO IV<br>E-326 CATALYST<br>KAT MSA<br>MSA-KATALYSATORTABLETTEN | Xn; R 22<br>Xi; R 41<br>R 43<br>N; R 51-53 | divanadyl pyrophosphate   |
| 407-140-5 | 91-07-0031<br>92-06-0364   | BRL 47537  | R 52-53                                    | 2-acetoxymethyl-4-benzyloxybut-1-yl acetate   |
| 407-160-4 | 91-03-0171   | UY-323   | *  |   |
| 407-170-9 | 91-04-0405   | 2,3,4-TRIFLUORANILIN   | *  | 2,3,4-trifluoroaniline  |
| 407-180-3 | 91-04-0407   | SILAN DCS  | *  |   |
| 407-190-8 | 91-06-0331   | ISOXABEN TECHNICAL   | R 53                                       | N-[3-(1-ethyl-1-methylpropyl)-1,2-oxazol-5-yl]-2,6-dimethoxybenzamide   |
| 407-200-0 | 91-05-0145<br>93-11-0077   | 7-CLORO-6,4-DIFLUOROQUINOLONA<br>CHLORODIFLUOROQUINOLONE             |  | 7-chloro-6-fluoro-1-(4-fluorophenyl)-1,4-dihydro-4-oxoquinoline-3-carboxylic acid   |
| 407-210-5 | 90-04-0315   | NIR BLACK 78   |  |   |
| 407-230-4 | 91-06-0333   | BLUE GS 1259 R5  | Xn; R 22<br>R 43                           | dilithium disodium (5,5'-diamino-( -4,4'-dihydroxy-1:2- -2,O4,O4',-3,3'-[3,3'-dihydroxy-1:2- -2-O3,O3'-biphenyl-4,4'-ylenebisazo-1:2-(N3,N4- :N3',N4'- )]-dinaphthalene-2,7-disulfonato(8)))dicuprate(2-) |
| 407-240-9 | 91-06-0334<br>93-01-0278<br>93-03-0247<br>93-04-0586<br>93-05-0223<br>93-11-0095<br>94-02-0137<br>95-15-0049<br>99-16-0019 | BLUE 10 25 964   | R 43<br>N; R 51-53                         | (2,2'-(3,3'-dioxidobiphenyl-4,4'-diyldiazo)bis(6-(4-(3-(diethylamino)propylamino)-6-(3-(diethylammonio)propylamino)-1,3,5-triazin-2-ylamino)-3-sulfonato-1-naphtholato))dicopper(II) acetate lactate      |
| 407-250-3 | 91-01-0177<br>92-05-0158<br>92-06-0352<br>92-08-0072<br>92-12-0056<br>99-16-0011   | DIRECT YELLOW 169<br>JAUNE DIRECT 169                                |  |   |
| 407-260-8 | 91-06-0335<br>92-01-0212<br>92-02-0105<br>93-11-0105   | MMB 2191   |  |   |
| 407-270-2 | 91-06-0337<br>93-06-0441<br>96-11-0131<br>97-06-1031   | 2,3,5-TCP  | R 52-53                                    | 2,3,5-trichloropyridine   |
| 407-280-7 | 91-04-0410   | SÄUREGRÜN LEUKOBASE  | *  |   |
| 407-290-1 | 92-04-0428<br>91-06-0338   | GA1270<br>HOE S 4096   | Xi; R 41                                   | A 3:1 mixture of: 1-deoxy-1-[methyl-(1-oxododecyl)amino]-D-glucitol;<br>1-deoxy-1-[methyl-(1-oxotetradecyl)amino]-D-glucitol  |
| 407-300-4 | 91-01-0178   | C 1824   | R 53                                       | dodecyl 3-(2-(3-benzyl-4-ethoxy-2,5-dioxoimidazolidin-1-yl)-4,4-dimethyl-3-oxovaleramido)-4-chlorobenzoate  |
| 407-310-9 | 91-04-0413   | DISPERSE RED FC 38583  | R 53                                       | dimethyl 3,3'-(N-(4-(4-bromo-2,6-dicyanophenylazo)-3-hydroxyphenyl)imino)dipropionate   |

| EC Number | Registration Number  | Trade Name  | Classification                           | Name in the IUPAC Nomenclature  |
|-----------|--|---|--|---|
| 407-320-3 | 91-06-0340   | AMMONIUM DIAS                                     | *  |   |
| 407-330-8 | 91-04-0414   | THTPA   | *  | tetrahydrothiopyran-3-carboxaldehyde  |
| 407-340-2 | 91-05-0149<br>92-01-0233<br>92-06-0421<br>93-04-0576   | C.I. BASIC BLUE 163                               | *  |   |
| 407-350-7 | 91-04-0416<br>93-05-0230<br>93-11-0097   | SYNDANE CATALYST                                  | Xn; R 20-48/22<br>Xi; R 41<br>N; R 51-53 | vanadium(IV) oxide hydrogen phosphate hemihydrate, lithium, zinc, molybdenum, iron and chlorine doped |
| 407-360-1 | 91-04-0415   | THANCAT AN 20                                     | Xn; R 21/22-48/20<br>Xi; R 38-41         | 2-(2-(2-hydroxyethoxy)ethyl)-2-aza-bicyclo[2.2.1]heptane  |
| 407-370-6 | 91-02-0081<br>92-01-0187<br>92-02-0095<br>92-03-0186<br>92-04-0439<br>92-05-0156<br>92-06-0362<br>92-07-0033<br>92-08-0073<br>92-10-0003<br>92-11-0050<br>92-12-0052<br>94-04-0672<br>98-04-1032<br>98-04-1096<br>99-06-1254 | AF-392<br>F.P.C. 144<br>FPC-144<br>HADS<br>K-9301 |  |   |
| 407-380-0 | 91-04-0411   | AMIDO SULFURON                                    | *  | 3-(4,6-dimethoxypyrimidin-2-yl)-1-((N-methyl-N-methylsulfonylamino)sulfonyl)urea                      |
| 407-390-5 | 91-04-0418   | 6-HYDROXY-1-NAPHTHOESÄURE                         |  | 6-hydroxy-1-naphthoic acid  |
| 407-400-8 | 91-03-0176<br>92-01-0184<br>92-03-0189<br>92-03-0190<br>92-04-0424<br>92-06-0365<br>93-04-0635   | FT-310<br>PF-310                                  | *  |   |
| 407-410-2 | 92-04-0420<br>93-04-0654   | TCD EMULGATOR                                     | R 53                                     | 4,7-methanooctahydro-1H-indene-diyl dimethyl bis(2-carboxybenzoate)                                   |
| 407-420-7 | 92-06-0343<br>01-06-1471   | H112323<br>TULACTIV NAVY XLE                      |  |   |
| 407-430-1 | 92-02-0089   | CP22595<br>SANTOCURE TBS1                         | N; R 50-53                               | N-(1,1-dimethylethyl)bis(2-benzothiazolesulfen)amide  |

| EC Number | Registration Number                                  | Trade Name                           | Classification                                   | Name in the IUPAC Nomenclature   |
|-----------|--|--------------------------------------|--|--|
| 407-440-6 | 92-06-0346   | LIQUIBROM 2038                       | O; R 8<br>Xn; R 22<br>C; R 35<br>R 43<br>N; R 50 | 2-hydroxyethylammonium perbromide  |
| 407-450-0 | 92-03-0177   | PDK<br>PROQUESTERONE DIKETAL         | *  |  |
| 407-460-5 | 92-01-0181<br>91-04-0403                             | ARKLS DH-43                          | *  |  |
| 407-480-4 | 93-01-0263<br>92-01-0182                             | DD-70                                | N; R 51-53                                       | 4-4'-methylenebis(oxyethylenethio)diphenol   |
| 407-490-9 | 91-04-0389<br>92-06-0347                             | NEWLON AM-92I                        | Xn; R 21/22<br>C; R 34                           | A mixture of: di-(1-octane-N,N,N-trimethylammonium)-octylphosphate;<br>1-octane-N,N,N-trimethylammonium-di-octylphosphate;<br>1-octane-N,N,N-trimethylammonium-octylphosphate  |
| 407-500-1 | 92-04-0427   | DMA                                  | R 43<br>R 52-53                                  | 4'-fluoro-2,2-dimethoxyacetophenone  |
| 407-520-0 | 92-11-0044<br>92-04-0455<br>92-06-0368               | FRUITATE                             | Xi; R 38<br>N; R 51-53                           | A mixture of: ethyl exo-tricyclo[5.2.1.0 <sup>2,6</sup> ]decane-endo-2-carboxylate;<br>ethyl-endo-tricyclo[5.2.1.0 <sup>2,6</sup> ]decane-exo-2-carboxylate  |
| 407-530-5 | 92-06-0349   | KAYAKU TG-MC                         | R 53   | (4-methylphenyl)mesitylene sulfonate   |
| 407-550-4 | 92-06-0350   | FLUROXYPYR METHYL ESTER INTERMEDIATE | N; R 51-53                                       | methyl O-(4-amino-3,5-dichloro-6-fluoropyridin-2-yloxy)acetate   |
| 407-560-9 | 92-01-0190   | CAF                                  | *  |  |
| 407-570-3 | 92-06-0351<br>92-11-0059                             | BROWN JB 54/KL                       | N; R 51-53                                       | A mixture of: pentasodium bis(1-(3(or 5)-(4-anilino-3-sulfonatophenylazo)-4-hydroxy-2-oxidophenylazo)-6-nitro-4-sulfonato-2-naphtholato)ferrate(1-);<br>pentasodium [(1-(3-(4-anilino-3-sulfonatophenylazo)-4-hydroxy-2-oxidophenylazo)-6-nitro-4-sulfonato-2-naphtholato)-(5-(4-anilino-3-sulfonatophenylazo)-4-hydroxy-2-oxidophenylazo)-6-nitro-4-sulfonato-2-naphtholato]ferrate(1-) |
| 407-580-8 | 92-05-0157   | REACTIVE BLUE 245                    | *  |  |
| 407-590-2 | 92-06-0353   | ZP-DK 2115                           | T; R 25<br>Xn; R 48/22<br>R 43<br>N; R 50-53     | 4,4'-diamino-2-methylazobenzene  |
| 407-600-5 | 92-04-0437   | LICHTSCHUTZMITTEL 2577               | Muta.Cat.3; R 68<br>R 53                         | 4'-ethoxy-2-benzimidazoleanilide   |
| 407-620-4 | 92-03-0182   | 3-BMC                                | R 42/43<br>R 52-53                               | tert-butyl (5S,6R,7R)-3-bromomethyl-5,8-dioxo-7-(2-phenylacetamido)-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate  |
| 407-630-9 | 92-06-0354<br>00-01-0613                             | CIN 10096132<br>MTI                  | *  |  |
| 407-640-3 | 92-04-0438   | MUGETANOL                            | Xi; R 36/38<br>N; R 51-53                        | A mixture of diastereoisomers of 1-(1-hydroxyethyl)-4-(1-methylethyl)cyclohexane   |
| 407-650-8 | 92-03-0183<br>92-01-0210<br>92-04-0466<br>92-06-0386 | HSR-2031                             | R 53   | 2-(4-(N-butyl-N-phenethylamino)phenyl)ethylene-1,1,2-tricarbonitrile   |
| 407-660-2 | 92-04-0442   | PV ECHTORANGE P 9025                 |  |  |



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|-----------|--|--|---|---|
| 407-670-7 | 92-06-0356   | KYL BLACK CN                                     | N; R 50-53                                    | 3-(5-acetylamino-4-(4-[4,6-bis(3-diethylaminopropylamino)-1,3,5-triazin-2-ylamino]phenylazo)-2-(2-methoxyethoxy)phenylazo)-6-amino-4-hydroxy-2-naphthalenesulfonic acid   |
| 407-680-1 | 92-06-0355   | KAYACEL YELLOW CG                                | Xi; R 41<br>R 43<br>N; R 51-53                | 2-[[4[[4,6-bis[[3-(diethylamino)propyl]amino]-1,3,5-triazine-2-yl]amino]phenyl]azo]-N-(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-3-oxobutanamide                            |
| 407-690-6 | 92-06-0357   | AMINO BUTYRALDEHYDE DIMETHYL ACETAL              | Xn; R 22<br>C; R 34<br>R 43<br>R 52-53        | 4,4-dimethoxybutylamine   |
| 407-700-9 | 92-06-0359   | SUBSTANCE SC101756                               | R 43  | A mixture of compounds from (dodecakis(p-tolylthio)phthalocyaninato)copper(II) to (hexadecakis(p-tolylthio)phthalocyaninato)copper(II)                                    |
| 407-710-3 | 92-05-0159<br>92-03-0199<br>92-04-0456<br>92-06-0363<br>92-11-0053<br>92-12-0055<br>93-04-0651 | C.I. DIRECT RED 83:1<br>KAYARUS SUPRA RUBINE BLN | *   |   |
| 407-720-8 | 92-03-0187   | AF-390   | R 43<br>N; R 51-53                            | sodium 3,5-bis(tetradecyloxycarbonyl)benzenesulfinate   |
| 407-730-2 | 92-06-0360   | EP 389   | Xi; R 36<br>R 43<br>R 52-53                   | N-butyl-2-(4-morpholinylcarbonyl)benzamide  |
| 407-740-7 | 92-03-0173   | AF-377   | Xi; R 38<br>R 43<br>R 52-53                   | A mixture of: 2-chloro-5-sec-tetradecylhydroquinones where sec-tetradecyl= 1-methyltridecyl; 1-ethyl-dodecyl; 1-propylundecyl; 1-butyldecyl; 1-pentylononyl; 1-hexyloctyl |
| 407-750-1 | 92-03-0174   | AF-377   | *   |   |
| 407-760-6 | 92-05-0160   | TETRACONAZOLE                                    | Carc.Cat.3; R 40<br>Xn; R 20/22<br>N; R 51-53 | (+/-) 2-(2,4-dichlorophenyl)-3-(1H-1,2,4-triazole-1-yl)propyl-1,1,2,2-tetrafluoroethylether   |
| 407-770-0 | 92-01-0191   | D(+)-LACTATE D'ISOBUTYLE                         | Xi; R 36                                      | 2-methylpropyl-(R)-2-hydroxypropanoate  |
| 407-780-5 | 92-11-0039<br>92-01-0207<br>92-05-0171<br>92-06-0389   | CATALYST 4017                                    | Xn; R 22<br>N; R 51-53                        | N-ethyl-N-methylpiperidinium iodide   |
| 407-800-2 | 92-01-0194<br>92-05-0176<br>92-06-0404<br>92-12-0063<br>95-14-0001                             | ACID YELLOW HT 2803<br>MONOAZO YELLOW HT 2803    | *   |   |

| EC Number | Registration Number  | Trade Name                           | Classification                     | Name in the IUPAC Nomenclature   |
|-----------|--|--------------------------------------|------------------------------------|--|
| 407-810-7 | 92-02-0094<br>93-06-0478<br>93-08-0081   | ACRYLSKUM<br>T-2816 FOAMER           | Xn; R 48/22                        | A mixture of: 3-(N-(3-dimethylaminopropyl)-(C4-8)perfluoroalkylsulfonamido)propionic acid;<br>N-[dimethyl-3-(C4-8-perfluoroalkylsulfonamido)propylammonium propionate;<br>3-(N-(3-dimethylpropylammonium)-(C4-8)perfluoroalkylsulfonamido)propionic acid<br>propionate |
| 407-820-1 | 92-07-0034   | 5-ALPHA-AZA-ACID                     |                                    | 3-oxo-4-aza-5 -androstane-17 -carboxylic acid  |
| 407-830-6 | 92-07-0035   | DELTA-5-AZA-ACID                     |                                    | 3-oxo-4-azaandrost-5-ene-17 -carboxylic acid   |
| 407-840-0 | 92-04-0448<br>92-01-0224<br>92-02-0110<br>92-05-0173<br>92-06-0415<br>93-03-0249 | CG 24-020                            | Xn; R 22<br>Xi; R 41<br>R 52-53    | ( -cumene)-( -cyclopentadienyl)iron(II) hexafluoroantimonate   |
| 407-850-5 | 92-01-0202   | TAA                                  | Xn; R 22<br>Xi; R 41<br>N; R 51-53 | 2-(2,4-dichlorophenyl)-1-(1H-1,2,4-triazol-1-yl)pent-4-en-2-ol   |
| 407-870-4 | 92-04-0432   | CITROWANIL B                         | *                                  | 2-benzyl-2-methyl-3-butenitrile  |
| 407-880-9 | 92-04-0449<br>92-01-0221<br>92-02-0112<br>92-05-0172<br>92-06-0409<br>93-03-0250 | CG 26-751                            | Xn; R 22<br>R 52-53                | ( -cumene)-( -cyclopentadienyl)iron(II) trifluoromethane-sulfonate   |
| 407-890-3 | 92-06-0369<br>92-04-0480   | NRTAK                                | R 53                               | A 1:1 mixture of: 2-[[4-[N-ethyl-N-(2-acetoxyethyl)amino]phenyl]azo]-5,6-dichlorobenzothiazole;<br>2-[[4-[N-ethyl-N-(2-acetoxyethyl)amino]phenyl]azo]-6,7-dichlorobenzothiazole  |
| 407-900-6 | 92-06-0370<br>92-04-0481   | TRH4FK                               | R 53                               | A (1:1) mixture of: 2-[[4-[bis(2-acetoxyethyl)amino]phenyl]azo]-5,6-dichlorobenzothiazole;<br>2-[[4-[bis(2-acetoxyethyl)amino]phenyl]azo]-6,7-dichlorobenzothiazole  |
| 407-910-0 | 92-01-0200   | MEXANYL GY                           | *                                  |  |
| 407-920-5 | 92-04-0450   | CA 16-178                            | *                                  |  |
| 407-940-4 | 92-01-0197   | M.E.M.P.E.                           | Xi; R 41                           | 4-[2-(1-methyl-2-(4-morpholinyl)ethoxy)ethyl]morpholine  |
| 407-950-9 | 92-01-0199<br>92-04-0461<br>95-04-0791   | INTEROX-PMBP-70W<br>INTEROX-PMPB-70W | E; R 2<br>O; R 7<br>N; R 50-53     | bis(4-methylbenzoyl)peroxide   |
| 407-960-3 | 92-01-0203<br>92-02-0113<br>92-04-0510   | D-HPPA<br>HPOPS                      | Xi; R 41                           | (R)-2-(4-hydroxyphenoxy)propanoic acid   |
| 407-970-8 | 92-06-0372   | DISPERSOL YELLOW XF                  | *                                  |  |
| 407-980-2 | 91-04-0390   | ETHOFENPROX<br>TREBON                | *                                  | 3-phenoxybenzyl-2-(4-ethoxyphenyl)-2-methylpropyl ether  |
| 407-990-7 | 92-03-0188   | AF-389                               | R 43<br>N; R 51-53                 | 3,5-bis(tetradecyloxycarbonyl)benzenesulfinic acid   |

| EC Number | Registration Number  | Trade Name  | Classification                                   | Name in the IUPAC Nomenclature   |
|-----------|--|---|--|--|
| 408-000-6 | 92-01-0204<br>93-03-0244<br>93-05-0221<br>93-06-0497<br>93-11-0102<br>94-02-0136<br>95-15-0046 | CARTASOL RED K-2BN<br>RED 10 25 501   | Xn; R 48/22<br>R 43<br>R 52-53                   | 7-[4-(3-diethylaminopropylamino)-6-(3-diethylammoniopropylamino)-1,3,5-triazin-2-ylamino]-4-hydroxy-3-(4-phenylazophenylazo)-naphthalene-2-sulfonate, acetic acid, lactic acid (2:1:1) |
| 408-010-0 | 92-04-0453   | SIS 46 305  | Xn; R 20<br>Xi; R 41<br>R 52-53                  | 2-(3-iodoprop-2-yn-1-yloxy)ethyl phenylcarbamate   |
| 408-020-5 | 92-06-0374   | FR-1034   | R 43<br>N; R 51-53                               | 2,2,6,6-tetrakis(bromomethyl)-4-oxaheptane-1,7-diol  |
| 408-040-4 | 92-01-0205   | BENZOYLACRYLATE D'ETHYLE<br>BENZOYLACRYLIC ACID ETHYL ESTER<br>BENZOYLACRYLSÄURE ETHYLESTER         | Xn; R 21/22<br>Xi; R 38-41<br>R 43<br>N; R 50-53 | E-ethyl-4-oxo-4-phenylcrotonate  |
| 408-050-9 | 92-06-0376<br>93-06-0453<br>95-06-0746<br>96-06-0783<br>99-05-0354                             | 4-AA<br>AOSA<br>AZETIDONE-KANEKA<br>GR91990X  | *  |  |
| 408-060-3 | 92-06-0377   | BROMUCONAZOLE   | *  |  |
| 408-070-8 | 92-03-0192   | BIOSURF 10<br>BIOSURF 12<br>BIOSURF 14<br>BIOSURF 18:1<br>BIOSURF COCO<br>BIOSURF TALLOW<br>PRIAZUL | *  |  |
| 408-080-2 | 92-04-0457<br>95-03-0313<br>95-04-0734   | 2-EHOPD<br>EHOPD<br>SENSIVA SC 50   | *  |  |
| 408-090-7 | 92-04-0443<br>92-06-0414   | METHYLGELB  | Xn; R 22<br>R 43<br>R 52-53                      | 2-((4-methyl-2-nitrophenyl)amino)ethanol   |
| 408-110-4 | 92-04-0459   | SPHINGOLIPID E  | *  |  |
| 408-120-9 | 92-06-0378   | DEM   | Xn; R 22<br>Xi; R 41                             | D,L-(N,N-diethyl-2-hydroxy-2-phenylacetamide)  |
| 408-130-3 | 92-01-0206   | C-1809  | *  |  |
| 408-140-8 | 92-04-0460   | AGK 2241  | *  |  |
| 408-150-2 | 92-04-0462   | AGK 2712  | R 53   | 2-(2,4-bis(1,1-dimethylethyl)phenoxy)-N-(3,5-dichloro-4-ethyl-2-hydroxyphenyl)-hexanamide  |
| 408-160-7 | 92-06-0380   | DOW CORNING (R) 2-7002  | N; R 51-53                                       | , -dihydroxypoly(hex-5-en-1-ylmethylsiloxane)  |
| 408-170-1 | 92-01-0208   | SANDOFIL JAUNE RL   |  | 10,12-dihydrobenz(de)imidazo(4',5':5,6)benzimidazo(1,2-a)isoquinoline-8,11-dione   |

| EC Number | Registration Number  | Trade Name   | Classification  | Name in the IUPAC Nomenclature   |
|-----------|--|--|---|--|
| 408-180-6 | 96-15-0060<br>92-03-0213<br>92-05-0166<br>92-11-0066               | FEEDDHMANA   |   |  |
| 408-190-0 | 92-06-0381   | DNOAI  | R 14<br>F; R 17<br>C; R 34<br>N; R 50-53                  | di-n-octylaluminium iodide   |
| 408-200-3 | 92-04-0463   | FRESCOLAT MGA  | Xi; R 38-41<br>R 52-53                                    | 2-hydroxymethyl-9-methyl-6-(1-methylethyl)-1,4-dioxaspiro[4.5]decane   |
| 408-210-8 | 92-06-0382<br>92-01-0234<br>92-04-0520<br>92-05-0183               | C.I. DIRECT BLUE 301<br>DIRECT BLUE 301  | *   |  |
| 408-220-2 | 92-06-0383   | NTZ-95   | R 53  | 4-benzyloxy-4'-(2,3-epoxy-2-methylprop-1-yloxy)diphenylsulfone   |
| 408-230-7 | 92-06-0384   | H111030  | *   |  |
| 408-240-1 | 92-04-0465<br>92-06-0401<br>93-06-0509                             | ROT Y<br>RUBINOT Y<br>RUBINROT Y   | Xn; R 22<br>R 52-53                                       | A mixture of: 3-[(4-amino-2-chloro-5-nitrophenyl)amino]-propane-1,2-diol; 3,3'-(2-chloro-5-nitro-1,4-phenylenediimino)bis(propan-1,2-diol)   |
| 408-250-6 | 92-06-0387   | ORGANOTUNGSTEN COMPOUND CONCENTRATE  | F; R 11<br>Xn; R 20<br>C; R 34<br>R 43<br>N; R 50-53      | Reaction products of tungsten hexachloride with 2-methylpropan-2-ol, nonylphenol and pentane-2,4-dione   |
| 410-010-0 | 92-06-0435<br>93-04-0603   | FLUORGELB  | Xn; R 22<br>R 52-53                                       | 3-((2-nitro-4-(trifluoromethyl)phenyl)amino)propane-1,2-diol   |
| 410-020-5 | 92-06-0412<br>92-06-0427   | TBPE   | Repr.Cat.3; R 62<br>Xn; R 48/22<br>Xi; R 41<br>N; R 51-53 | 2-(4-tert-butylphenyl)ethanol  |
| 410-040-4 | 92-01-0230<br>93-05-0201<br>93-06-0448<br>93-12-0081<br>95-14-0002 | BLEU SOLOFENILE BFF<br>DIRECT BLUE 821<br>DIRECT BLUE ULK 821<br>SOLOPHENYL BLAU ULK 821 | N; R 51-53  | A 9:1 mixture of: sodium 3,3'-(1,4-phenylenebis(carbonylimino-3,1-propanediylimino))bis(10-amino-6,13-dichloro-4,11-triphenodioxazinedisulfonate); lithium 3,3'-(1,4-phenylenebis(carbonylimino-3,1-propanediyl-imino))bis(10-amino-6,13-dichloro)-4,11-triphenodioxazinedisulfonate |
| 410-050-9 | 93-01-0247   | DPX N6186<br>N 6186  | Xn; R 22  | 2-amino-4-chloro-6-methoxypyrimidine   |
| 410-060-3 | 92-01-0219<br>92-06-0429   | PFMT 1848  | Muta.Cat.3; R 68<br>R 43<br>N; R 51-53                    | N,N,N',N'-tetraglycidyl-4,4'-diamino-3,3'-diethyldiphenylmethane   |
| 410-065-0 | 93-01-0250   | INTERMEDIAIRE AR HT 3728   | R 43  | A mixture of: 7-(((3-aminophenyl)sulfonyl)amino)-naphthalene-1,3-disulfonic acid; sodium 7-(((3-aminophenyl)sulfonyl)amino)-naphthalene-1,3-disulfonate; potassium 7-(((3-aminophenyl)sulfonyl)amino)-naphthalene-1,3-disulfonate  |

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|-----------|--|---|-----------------------------|--|
| 410-070-8 | 93-01-0251<br>93-05-0219<br>93-06-0479<br>94-12-0104   | ACID RED HT 3728<br>ERIONYL RED HT 3728   | R 43<br>R 52-53             | A mixture of: sodium/potassium 7-[[[3-[[4-((2-hydroxy-naphthyl)azo)phenyl]azo]phenyl]sulfonyl]amino]-naphthalene-1,3-disulfonate   |
| 410-090-7 | 92-06-0395<br>92-04-0487<br>93-06-0449   | CDFP  | R 10<br>Xn; R 22<br>R 52-53 | 5-chloro-2,3-difluoropyridine  |
| 410-130-3 | 92-01-0222<br>93-05-0197<br>93-12-0075<br>95-15-0029   | BLEU REACTIF CAC 10<br>DIOXAZINE MONCHLORTRIAZINE<br>FAT NO. 40 407<br>REACTIVE BLUE CAC 10 | R 43                        | trisodium-3-amino-6,13-dichloro-10-((3-((4-chloro-6-(2-sulfophenylamino)-1,3,5-triazin-2-yl)amino)propyl)amino)-4,11-triphenoxydioxazinedisulfonate  |
| 410-140-8 | 96-05-0274<br>92-04-0498<br>93-01-0246<br>93-02-0124<br>93-02-0130<br>93-05-0202<br>93-11-0082               | HWS-130   | R 52-53                     | O'-methyl O-(1-methyl-2-methacryloyloxy-ethyl)-1,2,3,6-tetrahydrophthalate   |
| 410-150-2 | 92-01-0216<br>92-02-0121<br>92-04-0516<br>92-05-0189<br>92-06-0436<br>92-12-0072<br>93-03-0217<br>93-11-0071 | YELLOW E-JD 3442  | R 43                        | sodium 3-(2-acetamido-4-(4-(2-hydroxybutoxy)phenylazo)phenylazo)benzenesulfonate   |
| 410-160-7 | 92-01-0217<br>92-02-0120<br>92-04-0515<br>92-05-0190<br>92-06-0433<br>92-12-0071<br>93-03-0215<br>93-11-0076 | BRILLIANT GREEN K-RWA 6083  | Xi; R 36<br>R 43<br>R 52-53 | tetrasodium (c-(3-(1-(3-(e-6-dichloro-5-cyanopyrimidin-f-yl(methyl)amino)propyl)-1,6-dihydro-2-hydroxy-4-methyl-6-oxo-3-pyridylazo)-4-sulfonatophenylsulfamoyl)phthalocyanine-a,b,d-trisulfonato(6-))nickelato II, where a is 1 or 2 or 3 or 4, b is 8 or 9 or 10 or 11, c is 15 or 16 or 17 or 18, d is 22 or 23 or 24 or 25 and where e and f together are 2 and 4 or 4 and 2 respectively |
| 410-170-1 | 92-01-0228<br>93-03-0220<br>93-04-0547<br>93-05-0207<br>93-06-0459<br>93-11-0085<br>93-12-0083               | NAVY SF-DO 1894   |                             |  |

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|-----------|--|---|---|---|
| 410-180-6 | 92-01-0231<br>93-02-0128<br>93-03-0222<br>93-04-0548<br>93-05-0208<br>93-06-0456<br>93-11-0086<br>93-12-0082 | RED SF-PE 3534  | *   |   |
| 410-190-0 | 92-06-0425   | MCP 968   | Xi; R 36<br>R 53  | A mixture of isomers of: mono-(2-tetradecyl)naphthalenes;<br>di-(2-tetradecyl)naphthalenes;<br>tri-(2-tetradecyl)naphthalenes |
| 410-200-3 | 92-06-0428<br>98-01-0512   | CPSI  | *   |   |
| 410-210-8 | 92-04-0513<br>93-01-0283<br>93-02-0142<br>93-03-0261<br>93-05-0229<br>93-06-0529<br>93-11-0106<br>93-12-0101 | PIGMENT RED 5021B<br>PIGMENT ROT 5021B<br>PIGMENTO VERMELHO 5021B                           |   |   |
| 410-220-2 | 92-06-0431   | EPSI  | E; R 2<br>R 14<br>Xn; R 22-48/22<br>Xi; R 41<br>R 42/43 | ethyl 2-(isocyanatosulfonyl)benzoate  |
| 410-230-7 | 93-06-0437   | EVAPORATED ELEMNOL JS-2 MATERIAL  | *   |   |
| 410-240-1 | 93-06-0443   | METOSULAM TECHNICAL   | *   |   |
| 410-250-6 | 93-06-0444   | BIS-BENZOFURAN BIPHENYL BRIGHTENER 6416   |   |   |
| 410-260-0 | 93-01-0244   | 2-BUTYL-4-CHLORO-5-FORMYLIMIDAZOLE  | R 43<br>N; R 51-53                                      | 2-butyl-4-chloro-5-formylimidazole  |
| 410-270-5 | 93-04-0536   | SILAN MCS   | *   |   |
| 410-290-4 | 93-01-0243   | ADK STAB PEP-36   | R 53  | 3,9-bis(2,6-di-tert-butyl-4-methylphenoxy)-2,4,8,10-tetraoxa-3,9-diphosphaspiro[5.5]undecane                                  |
| 410-300-7 | 93-01-0245<br>93-05-0218<br>93-06-0476<br>93-12-0094<br>95-15-0031   | BLEU REACTIF VOH 72<br>BLEU REACTIVE VOH 72<br>CIBACRON BLUE VOH 72<br>REACTIVE BLUE VOH 72 |   |   |
| 410-310-1 | 92-06-0423<br>93-04-0535<br>94-04-0703   | BROMBENZOAT<br>BROMOBENZOATE  | Xi; R 38-41<br>R 43<br>N; R 50-53                       | methyl 4-bromomethyl-3-methoxybenzoate  |
| 410-320-6 | 93-04-0528   | LAUROYL-BETA-ALANIN   |   |   |
| 410-330-0 | 93-04-0530   | DAMP  | Xn; R 22-48/22<br>Xi; R 36                              | 2,4-diamino-5-methoxymethylpyrimidine   |

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|-----------|--|---|--|---|
| 410-340-5 | 93-01-0253   | DCTFMP  | Xn; R 20/22<br>Xi; R 41<br>R 43<br>N; R 51-53                  | 2,3-dichloro-5-trifluoromethylpyridine  |
| 410-360-4 | 93-07-0044<br>93-06-0528   | 2-NPP   | T; R 39-48/25<br>Xn; R 21/22<br>Xi; R 41<br>R 43<br>N; R 51-53 | 2-nitro-2-phenyl-1,3-propanediol  |
| 410-370-9 | 93-01-0254   | C-1811  | R 53   | 3-(3-(4-(2,4-bis(1,1-dimethylpropyl)phenoxy)butylaminocarbonyl-4-hydroxy-1-naphthalenyl)thio)propanoic acid   |
| 410-390-8 | 92-01-0214<br>92-02-0122<br>92-04-0517<br>92-05-0184<br>92-06-0430<br>92-12-0070<br>93-03-0216<br>93-11-0075 | SCARLET X-GA 1491   | Xi; R 41   | disodium 7-[4-chloro-6-(N-ethyl-o-toluidino)-1,3,5-triazin-2-ylamino]-4-hydroxy-3-(4-methoxy-2-sulfonatophenylazo)-2-naphthalenesulfonate   |
| 410-400-0 | 92-06-0417   | SYSTHANE TECHNICAL  | *  | -n-butyl- (4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile   |
| 410-410-5 | 92-06-0418<br>93-04-0538<br>93-04-0617   | DB2B ACID<br>DBMAP-KETOACID<br>DBMAP-KETOSÄURE<br>DIBUTYL 2B ACID   | R 52-53  | 4-(N,N-dibutylamino)-2-hydroxy-2'-carboxybenzophenone   |
| 410-430-4 | 92-06-0434   | (ALKYLAMINOARYLALKYLIDENYL)PYRAZOLINONE   | *  |   |
| 410-440-9 | 93-01-0240<br>94-01-0307   | DMBCP   | *  | (E)-5[(4-chlorophenyl)methylene]-2,2-dimethylcyclopentanone   |
| 410-450-3 | 93-06-0446<br>93-04-0578<br>93-06-0494<br>94-11-0110   | ALKYLATED DIPHENYL ETHERS<br>MIXTURE OF ALKYLATED DIPHENYL ETHERS<br>MORESCO HILUBE LB-100<br>MORESCO HILUBE S-3367 | R 53   | A mixture of substituted dodecyl and/or tetradecyl, diphenyl ethers. The substance is produced by the Friedel Crafts reaction. The catalyst is removed from the reaction product. Diphenyl ether is substituted by C1-C10 alkyl groups. The alkyl groups are bonded randomly between C1 and C6. Linear C12 and C14, 50/50 used. |
| 410-460-8 | 92-04-0472   | WEICHMACHER TAMOL   | *  |   |
| 410-470-2 | 92-04-0495   | ZOLDINE (R) MS-52   | C; R 34<br>R 43  | 4-ethyl-2-methyl-2-isopentyl-1,3-oxazolidine  |
| 410-480-7 | 92-04-0504<br>93-04-0572   | FORMYLTRICYCLODECEN, EXO  | R 43<br>N; R 51-53   | A mixture of: 3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indene-6-carboxaldehyde;<br>3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indene-5-carboxaldehyde   |
| 410-490-1 | 92-04-0505   | 5-ACETYL-3-AMINO-IMINODIBENZYL.HCL  | Xn; R 22-48/22<br>Xi; R 41<br>R 43<br>N; R 51-53               | 5-acetyl-3-amino-10,11-dihydro-5H-dibenz[b,f]azepine-hydrochloride  |
| 410-500-4 | 92-04-0514   | TITANCHELAT ETAM  | Xi; R 41<br>N; R 51-53   | bis[[2,2',2''-nitro]tris-[ethanolato]]-1-N,O]-bis[2-(2-methoxyethoxy)ethoxy]titanium  |
| 410-510-9 | 93-01-0238<br>93-08-0080<br>98-06-1088   | H 109368<br>HYPER SOL SYNERGIST L 4722<br>YELLOW PD4016   | *  |   |

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|-----------|--|---|--|---|
| 410-530-8 | 92-04-0458   | DISPERSIONSROT 2506                                       | *  |   |
| 410-540-2 | 92-06-0424<br>94-04-0673   | LATEMUL S-180 A   | Xi; R 38<br>R 43<br>N; R 50-53                   | A mixture (ratio not known) of: ammonium 1-C14-C18-alkyloxycarbonyl-2-(3-allyloxy-2-hydroxypropoxycarbonyl)ethane-1-sulfonate;<br>ammonium 2-C14-C18-alkyloxycarbonyl-1-(3-allyloxy-2-hydroxypropoxycarbonyl)ethane-1-sulfonate |
| 410-550-7 | 92-06-0432<br>98-01-0511   | F7641 (OLD DEVELOPMENT CODE FOR US RESEARCH WORK)<br>MTSI | E; R 2<br>R 14<br>Xn; R 48/22<br>R 42/43         | methyl 3-isocyanatosulfonyl-2-thiophenecarboxylate  |
| 410-560-1 | 93-01-0248<br>93-03-0263<br>93-04-0645<br>93-05-0227<br>93-06-0514<br>93-11-0103 | CGL 400   | N; R 50-53                                       | Reaction products of 2-(4,6-bis(2,4-dimethylphenyl)-1,3,5-triazin-2-yl)-5-hydroxyphenol with ((C10-16, rich in C12-13 alkyloxy)methyl)oxyrane   |
| 410-570-6 | 93-01-0249   | MEXOMERE PAK  | N; R 50-53                                       | Polymer of 1,3-dibromopropane and N,N-diethyl-N',N'-dimethyl-1,3-propanediamine   |
| 410-580-0 | 92-06-0426   | MAGISTER* F ACARICIDAL CHEMICAL                           | T; R 25<br>Xn; R 20<br>N; R 50-53                | 4-[2-[4-(1,1-dimethylethyl)phenyl]ethoxy]quinazoline  |
| 410-600-8 | 97-06-0968<br>93-03-0252<br>93-05-0213   | MORTRACE ST CONC.   | Xn; R 48/22<br>Xi; R 38<br>N; R 50-53            | 4-(3,4-dichlorophenylazo)-2,6-di-sec-butyl-phenol   |
| 410-610-2 | 97-06-0967<br>93-03-0253<br>93-05-0214   | MORTRACE SB CONC.   | Xn; R 48/22<br>Xi; R 36/38<br>R 43<br>N; R 50-53 | 4-(4-nitrophenylazo)-2,6-di-sec-butyl-phenol  |
| 410-620-7 | 93-05-0217<br>00-05-0358<br>93-04-0599   | 31 AC HCL<br>31 AC-HCL                                    | Xn; R 22<br>C; R 34<br>R 43                      | 2-(2-amino-1,3-thiazol-4-yl)-(Z)-2-methoxyiminoacetyl chloride hydrochloride  |
| 410-630-1 | 93-06-0439   | LAUNA   | R 53   | dodecyl- -(C5/C6-cycloalkyl)alkylcarboxylate  |
| 410-640-6 | 93-06-0450   | DP 15   | Xi; R 38-41<br>N; R 50-53                        | A mixture of: [1-(methoxymethyl)-2-(C12-alkoxy)ethoxy]acetic acid;<br>[1-(methoxymethyl)-2-(C14-alkoxy)ethoxy]acetic acid   |
| 410-650-0 | 93-06-0451   | COMPLEXING AGENT BN                                       | Xi; R 41<br>R 43<br>N; R 51-53                   | A mixture of: N-aminoethylpiperazonium mono-2,4,6-trimethylnonyldiphenyl ether di-sulfonate;<br>N-aminoethylpiperazonium di-2,4,6-trimethylnonyldiphenyl ether di-sulfonate   |
| 410-660-5 | 93-06-0452   | VERTEC AT35   |  |   |
| 410-680-4 | 93-06-0455   | BENZOYL BISULFITE   | R 43   | sodium 2-benzoyloxy-1-hydroxyethanesulfonate  |
| 410-690-9 | 93-06-0458   | CGA 184699  | R 43<br>N; R 50-53                               | N-[2,5-dichloro-4-(1,1,2,3,3,3-hexafluoropropoxy)-phenyl-aminocarbonyl]-2,6-difluorobenzamide   |
| 410-700-1 | 93-06-0460   | NITROGELB   | R 43<br>R 52-53                                  | [2-[(4-nitrophenyl)amino]ethyl]urea   |
| 410-710-6 | 93-06-0461<br>93-01-0270   | KHMIDA<br>SALT OF CHEMICAL CHELATING AGENT #2             |  |   |
| 410-720-0 | 93-06-0462   | MCP 938   | Xi; R 41<br>N; R 51-53                           | A mixture of: isobutyl hydrogen 2-( -2,4,6-trimethylnon-2-enyl)succinate;<br>isobutyl hydrogen 2-( -2,4,6-trimethylnon-2-enyl)succinate   |



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|-----------|--|---|--|---|
| 410-730-5 | 92-04-0471<br>93-01-0257                             | ADK STAB AO 80<br>SUMILIZER GA-80                     | Xn; R 21   | 3,9-bis(2-(3-(3-tert-butyl-4-hydroxy-5-methylphenyl)propionyloxy-1,1-dimethylethyl)-2,4,8,10-tetraoxaspiro[5.5]undecane   |
| 410-750-4 | 93-01-0264   | C-1862  | *  |   |
| 410-760-9 | 93-01-0267   | CG 31-1919  | Xi; R 38<br>R 43<br>N; R 50-53   | 2-methyl-4-(1,1-dimethylethyl)-6-(1-methyl-pentadecyl)phenol  |
| 410-770-3 | 93-05-0199<br>93-01-0285<br>93-06-0477<br>93-12-0085 | FAT 40'436<br>FAT 40'436/A<br>REACTIVE ORANGE TZ 3538 | R 43   | sodium 2-(4-(4-fluoro-6-(2-sulfoethylamino)-[1,3,5]triazin-2-ylamino)-2-ureidophenylazo)-5-(4-sulfophenylazo)benzene-1-sulfonate  |
| 410-780-8 | 93-06-0470   | A-83851   | Xn; R 22-48/22<br>Xi; R 41<br>R 43<br>N; R 51-53                       | (Z)-1-benzo[b]thien-2-ylethanone oxime hydrochloride  |
| 410-790-2 | 93-06-0471   | PRUSURF A   |  |   |
| 410-800-5 | 93-06-0472   | ITC 288/S   | R 43<br>N; R 51-53   | A mixture of: tetrasodium-phosphonoethane-1,2-dicarboxylate; hexasodium-phosphonobutane-1,2,3,4-tetracarboxylate  |
| 410-820-4 | 93-06-0473   | Z-19  | R 53   | A mixture of: bis(5-dodecyl-2-hydroxybenzald-oximate) copper (II) C12-alkyl group is branched; 4-dodecylsalicylaldoxime   |
| 410-830-9 | 92-06-0405<br>92-03-0212<br>93-01-0241<br>93-05-0204 | ETL - 6861<br>RB103<br>TA-1                           | R 53   | A mixture of: pentaerythriol tetraesters with heptanoic acid and 2-ethylhexanoic acid   |
| 410-840-3 | 92-05-0163   | PEROXIMON S 168 TECHNICALLY PURE                      | *  |   |
| 410-850-8 | 92-05-0185   | PAP   | *  |   |
| 410-860-2 | 92-03-0201   | [S]-2-INDOLINE CARBOXYLIC ACID                        | Repr.Cat.3; R 62<br>Xn; R 48/22<br>R 43                                | (S)-2,3-dihydro-1H-indole-2-carboxylic acid   |
| 410-870-7 | 92-04-0523   | REACTIVE RED FC 49791                                 |  |   |
| 410-880-1 | 93-06-0447   | FCC 963   | Xn; R 22<br>C; R 34<br>N; R 50-53                                      | Reaction products of: trimethylhexamethylene diamine (a mixture of 2,2,4-trimethyl-1,6-hexanediamine and 2,4,4-trimethyl-1,6-hexanediamine, EINECS listed), Epoxide 8 (mono[(C10-C16-alkyloxy)methyl]oxirane derivatives) and p-toluene-sulfonic acid |
| 410-890-6 | 92-06-0392<br>92-04-0518                             | PSD-184   | R 53   | 6'-(isobutylethylamino)-3'-methyl-2'-phenylaminospiro[isobenzo-2-oxofuran-7,9'-[9H]-xanthene]   |
| 410-900-9 | 92-01-0232<br>96-06-0809                             | MCPSI   | R 10<br>R 14<br>Muta.Cat.3; R 68<br>Xn; R 20-48/22<br>Xi; R 41<br>R 42 | 2-(isocyanatosulfonylmethyl)benzoic acid methyl ester   |
| 410-910-3 | 92-01-0237   | IMEXINE FAG   | R 43<br>R 52-53  | 3-((4-(bis(2-hydroxyethyl)amino)-2-nitrophenyl)amino)-1-propanol  |
| 410-930-2 | 92-04-0426   | DELOXAN AMP I   |  |   |
| 410-940-7 | 93-05-0195   | LACTOFTALURO  |  | (S)-5-[2-(acetyloxy)propanamido]-2,4,6-triiodo-1,3-di(chloroformyl)benzene  |

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|-----------|--|--|-----------------------------------|---|
| 410-950-1 | 92-03-0203<br>93-01-0236   | CHLORO ESTER<br>CHLOROESTER                    | R 43<br>N; R 51-53                | 4-chlorobutyl veratrate   |
| 410-960-6 | 92-01-0235<br>01-01-0656   | MEXORYL SX<br>SX 32                            | Xi; R 41                          | (E-E)-3,3'-(1,4-phenylenedimethylidene)bis(2-oxobornane-10-sulfonic acid)   |
| 410-970-0 | 93-01-0239   | P3   | R 53                              | 2-nitro-4,5-bis(benzyloxy)phenylacetonitrile  |
| 410-980-5 | 91-04-0417   | DPP  | *                                 |   |
| 411-000-9 | 92-04-0502<br>96-07-0098<br>99-07-0190   | CP-84,203-4<br>DFX-5S                          | R 43                              | (1S)-2-methyl-2,5-diazobicyclo[2.2.1]heptane dihydrobromide   |
| 411-010-3 | 92-06-0422   | CSPC   | R 43                              | 2-(trimethylammonium)ethoxycarboxybenzene-4-sulfonate   |
| 411-020-8 | 93-07-0042<br>93-04-0567   | N-BENZOYLHYDROXYPROLINEMETHYLESTER<br>SQ29,242 |                                   |   |
| 411-030-2 | 93-07-0049<br>97-16-0002   | MP-633   |                                   |   |
| 411-040-7 | 93-03-0233   | D,L-ESTER                                      | Xn; R 22<br>R 43<br>N; R 50-53    | methyl 3-(acetylthio)-2-methylpropanoate  |
| 411-050-1 | 92-04-0491   | REAKTIVGELB 2404                               |                                   |   |
| 411-060-6 | 93-04-0556   | REAKTIVGELB 2404/I                             |                                   |   |
| 411-070-0 | 93-04-0562   | KY-ET  | R 53                              | A mixture of: 2,4 -bis(N'-(4-methylphenyl)ureido)toluene;<br>2,6 -bis(N'-(4-methylphenyl)ureido)toluene                   |
| 411-080-5 | 93-04-0568   | PIGMENT YELLOW FC 26290                        |                                   |   |
| 411-100-2 | 93-04-0573<br>93-01-0293<br>93-05-0240<br>93-06-0557<br>93-12-0102   | FAT 40'398<br>FAT 40'398/E                     | Xn; R 48/22<br>R 43<br>N; R 50-53 | 2-((4-(ethyl-(2-hydroxyethyl)amino)-2-methylphenyl)azo)-6-methoxy-3-methyl-benzothiazolium methylsulfate                  |
| 411-110-7 | 93-04-0571<br>93-01-0294<br>93-05-0239<br>93-06-0556<br>93-12-0103   | FAT 40'398<br>FAT 40'398/D                     | N; R 50-53                        | 2-(4-(N-ethyl-N-(2-hydroxy)ethyl)amino-2-methylphenyl)azo-6-methoxy-3-methylbenzothiazolium chloride                      |
| 411-120-1 | 93-04-0574<br>93-04-0575   | BETA W 7 M 1.8                                 |                                   | -cyclodextrine methyl ethers  |
| 411-130-6 | 93-04-0626<br>93-06-0480   | GA161895<br>GLUCAMIDE                          | Xi; R 41                          | A mixture of: 1-deoxy-1-[methyl-(1-oxohexadecyl)amino]-D-glucitol;<br>1-deoxy-1-[methyl-(1-oxooctadecyl)amino]-D-glucitol |
| 411-140-0 | 92-05-0169<br>92-12-0066<br>93-01-0273<br>93-03-0241<br>93-04-0581<br>93-06-0492<br>93-11-0099<br>94-02-0134 | BLUE 14 52 200                                 | Xi; R 41<br>R 43<br>N; R 51-53    | lithium 1-amino-4-(4-tert-butylanilino)anthraquinone-2-sulfonate  |

| EC Number | Registration Number  | Trade Name   | Classification  | Name in the IUPAC Nomenclature  |
|-----------|--|--|---|---|
| 411-150-5 | 93-06-0482<br>99-04-1162   | L-2-CHLOROPROPIONIC ACID<br>L-2-CHLORPROPIONSÄURE                                      | Xn; R 21/22<br>C; R 35                                | (S)-2-chloropropionic acid  |
| 411-180-9 | 92-03-0202   | ACYLINDANE   | Xn; R 22-48/22<br>N; R 51-53                          | 1-(2,3-dihydro-1,3,3,6-tetramethyl-1-(1-methylethyl)-1H-inden-5-yl)ethanone   |
| 411-200-6 | 93-03-0239<br>99-02-0238<br>99-04-1212                             | FYROL 3-HPP<br>HIRETAR-205<br>PHOSGARD PF 100  | Xi; R 41  | 3-(hydroxyphenylphosphinyl)propanoic acid   |
| 411-210-0 | 93-01-0255   | EPO  | Xi; R 38<br>R 43<br>N; R 50-53                        | 2-(2,4-dichlorophenyl)-2-(2-propenyl)oxirane  |
| 411-220-5 | 93-01-0256   | CG 27-145  | Xi; R 38<br>R 43<br>N; R 50-53                        | 2,4-dimethyl-6-(1-methyl-pentadecyl)phenol  |
| 411-240-4 | 93-01-0260<br>93-05-0224<br>93-06-0505<br>93-12-0099<br>95-15-0032 | BLEU REACTIF TZ 3533<br>BLEU REACTIVE TZ 3533<br>FAT 41'017/A<br>REACTIVE BLUE TZ 3533 | R 43<br>R 52-53                                       | tetrasodium-1,2-bis(4-fluoro-6-[5-(1-amino-2-sulfonatoanthrachinon-4-ylamino)-2,4,6-trimethyl-3-sulfonatophenylamino]-1,3,5-triazin-2-ylamino)ethane  |
| 411-250-9 | 92-04-0475   | TASP   | R 43  | A mixture of: sodium 2-(C12-18-n-alkyl)amino-1,4-butandioate;<br>sodium 2-octadecenyl-amino-1,4-butandioate   |
| 411-260-3 | 92-04-0479   | RO 1082  | *   |   |
| 411-270-8 | 92-04-0511   | COPY CHARGE PSY  | R 52-53   | mono-(tetrapropylammonium) hydrogen 2,2'-dithiobisbenzoate  |
| 411-280-2 | 93-04-0532   | MR-8A<br>MR-N2<br>NBDI   | T+; R 26<br>Xn; R 22<br>C; R 34<br>R 42/43<br>R 52-53 | 2,5-bis-isocyanatomethyl-bicyclo[2.2.1]heptane  |
| 411-290-7 | 93-04-0533   | MR-7 B<br>MR-8 B2<br>MR-S2   | Xn; R 22-48/22<br>N; R 50-53                          | 2,3-bis((2-mercaptoethyl)thio)-1-propanethiol   |
| 411-310-4 | 93-04-0534   | PIGMENTADDITIV P   | Xi; R 41  | A mixture of: 2-(9-methyl-1,3,8,10-tetraoxo-2,3,9,10-tetrahydro-(1H,8H)-anthra[2,1,9-def:6,5,10-d'e'f']diisoquinolin-2-ylethansulfonic acid;<br>potassium 2-(9-methyl-1,3,8,10-tetraoxo-2,3,9,10-tetrahydro-(1H,8H)-anthra[2,1,9-def:6,5,10-d'e'f']diisoquinolin-2-ylethansulfate |
| 411-320-9 | 93-04-0541   | REAKTIV-BLAU F 66 991 FW   |   |   |
| 411-330-3 | 93-04-0543   | RNG 5447   | R 53  | 2-[2,4-bis(1,1-dimethyl-ethyl)phenoxy]-N-(2-hydroxy-5-methyl-phenyl)hexanamide  |
| 411-340-8 | 91-03-0166   | PHI-PS   | N; R 50-53  | tris(isopropenyloxy)phenyl silane   |
| 411-350-2 | 92-06-0391<br>92-04-0474<br>92-05-0177<br>92-11-0060<br>92-12-0062 | C.I. REACTIVE BLUE 227<br>KAYACELON REACT TURQUOISE CN-2G<br>REACTIVE BLUE 227         |   |   |
| 411-360-7 | 93-04-0544   | SÄUREBRAUN 6239  | R 52-53   | monolithium 5-[[2,4-dihydroxy-5-[(2-hydroxy-3,5-dinitrophenyl)azo]phenyl]azo]-2-naphthalenesulfonate], iron complex, monohydrate  |

| EC Number | Registration Number  | Trade Name  | Classification  | Name in the IUPAC Nomenclature   |
|-----------|--|---|---|--|
| 411-370-1 | 93-05-0203   | GM 102 E  | T; R 25<br>Xi; R 41<br>N; R 51-53                     | 1-chloro-N,N-diethyl-1,1-diphenyl-1-(phenylmethyl)phosphoramine  |
| 411-380-6 | 93-05-0205   | CG 30-1577  | R 53  | 2-(4,6-diphenyl-1,3,5-triazin-2-yl)-5-((hexyl)oxy)phenol   |
| 411-390-0 | 93-05-0209<br>93-01-0287<br>93-06-0527<br>93-12-0098   | FAT 41'018<br>FAT 41'018/A<br>REACTIVE YELLOW DER 7459    |   |  |
| 411-400-3 | 93-05-0210   | PSL 6   | Xn; R 22-48/21<br>Xi; R 38-41<br>R 52-53              | 4-[3-(diethoxymethylsilylpropoxy)-2,2,6,6-tetramethyl]piperidine   |
| 411-410-8 | 93-04-0569<br>93-04-0628   | HYDROXYAMBRAN   | N; R 50-53  | 2-cyclododecylpropan-1-ol  |
| 411-430-7 | 92-05-0167<br>93-01-0272<br>93-03-0240<br>93-04-0583<br>93-06-0491<br>93-11-0096<br>93-12-0095<br>94-02-0135 | TURQUOISE 10 40 518                                       | Xi; R 41<br>R 43                                      | trisodium [2-(5-chloro-2,6-difluoropyrimidin-4-ylamino)-5-(b-sulfamoyl-c,d-sulfonatophthalocyanin-a-yl-K4,N29,N30,N31,N32-sulfonylamino)benzoato(5-)]cuprate(II) where a=1,2,3,4 b=8,9,10,11 c=15,16,17,18 d=22,23,24,25 |
| 411-440-1 | 93-01-0266   | ROT CO  | Xn; R 22<br>R 43<br>N; R 51-53                        | 2-chloro-6-(ethylamino)-4-nitrophenol  |
| 411-450-6 | 93-01-0268   | CHIMEXANE NT  | R 53  | 6,9-bis(hexadecyloxymethyl)-4,7-dioxanonane-1,2,9-triol  |
| 411-460-0 | 93-01-0274<br>96-04-0840   | CHLOROFORMIATE DE CYCLOPENTYLE<br>CYCLOPENTYLCHLORFORMIAT | R 10<br>T; R 23<br>Xn; R 22-48/22<br>Xi; R 41<br>R 43 | cyclopentyl chloroformate  |
| 411-470-5 | 92-05-0168<br>92-12-0065<br>93-01-0277<br>93-03-0243<br>93-04-0582<br>93-06-0496<br>93-11-0098<br>94-02-0139 | NAVY 14 05 711  | R 43<br>R 52-53                                       | tetrasodium [7-(2,5-dihydroxy-KO2-7-sulfonato-6-[4-(2,5,6-trichloro-pyrimidin-4-ylamino)phenylazo]-(N1,N7-N)-1-naphthylazo)-8-hydroxy-KO8-naphthalene-1,3,5-trisulfonato(6-)]cuprate(II)                                 |
| 411-490-4 | 93-02-0119   | ISOPHORONENITRILE, IPN                                    | Xn; R 22-48/22<br>R 43<br>R 52-53                     | 3-cyano-3,5,5-trimethylcyclohexanone   |
| 411-500-7 | 93-02-0126   | T1314   | *   |  |
| 411-510-1 | 93-03-0236   | MIXOFAM   | R 43  | 1-(p-methoxyphenyl)acetaldehyde oxime  |

| EC Number | Registration Number  | Trade Name   | Classification                            | Name in the IUPAC Nomenclature  |
|-----------|--|--|---|---|
| 411-520-6 | 93-01-0279   | FAT 92.346 B   | Xi; R 41<br>R 43<br>N; R 51-53            | 3-amino-4-hydroxy-N-(2-methoxyethyl)benzenesulfonamide  |
| 411-530-0 | 93-01-0280   | UP 565   | R 43<br>N; R 50-53                        | p-tolyl 4-chlorobenzoate  |
| 411-540-5 | 92-01-0213<br>93-12-0084<br>95-15-0028                             | REACTIVE RED SR 6947<br>ROUGE REACTIF SR 6947  | Xi; R 41<br>R 43<br>N; R 51-53            | tetrasodium 5-[4-chloro-6-(N-ethyl-anilino)-1,3,5-triazin-2-ylamino]-4-hydroxy-3-(1,5-disulfonatonaphthalen-2-ylazo)-naphthalene-2,7-disulfonate  |
| 411-560-4 | 92-06-0393   | RED E190   | T; R 48/25<br>R 43<br>N; R 51-53          | A mixture (1:1) of: 2-[N-ethyl-4-[(5,6-dichlorobenzothiazol-2-yl)azo]-m-toluidino]ethyl acetate;<br>2-[N-ethyl-4-[(6,7-dichlorobenzothiazol-2-yl)azo]-m-toluidino]ethyl acetate   |
| 411-570-9 | 92-06-0397   | TG-SA  | R 43<br>N; R 51-53                        | 2,2'-diallyl-4,4'-sulfonyldiphenol  |
| 411-580-3 | 92-06-0400   | POLYSANTOL   | Xi; R 38<br>N; R 50-53                    | (+/-) trans-3,3-dimethyl-5-(2,2,3-trimethyl-cyclopent-3-en-1-yl)pent-4-en-2-ol  |
| 411-590-8 | 93-06-0481   | BENZANILID-DISPERSE-INTERMEDIATE ZP 9955   | C; R 34<br>R 52-53                        | N-[3-[(2-acetyloxy)ethyl](phenyl-methyl)amino]-4-methoxyphenylacetamide   |
| 411-600-0 | 93-06-0485<br>93-04-0591<br>93-05-0231<br>93-11-0093<br>93-12-0096 | KAYALON POLYESTER RED HBL-SF<br>KAYALON POLYESTER RED HBL-SF CRUDE<br>RF-2   | R 53                                      | A mixture (50:50) of: 2-[2-acetylamino-4-[N,N-bis[2-ethoxycarbonyloxy]ethyl]amino]phenylazo]-5,6-dichloro-1,3-benzothiazole;<br>2-[2-acetylamino-4-[N,N-bis[2-ethoxycarbonyloxy]ethyl]amino]phenylazo]-6,7-dichloro-1,3-benzotriazole |
| 411-610-5 | 93-06-0489   | VP-LS204   |   |   |
| 411-630-4 | 93-06-0483<br>93-01-0269<br>97-06-0956                             | DIPOTASSIUM MIDA (DIHYDRATE)<br>LIGAND FOR CHEMICAL CHELATING AGENT #2<br>(DIHYDRATE)<br>MIDAK2 DIHYDRATE<br>SEL D'AGENT CHELATANT. NO 2 | *   |   |
| 411-640-9 | 93-06-0484<br>93-01-0271   | CHEMICAL CHELATING AGENT #2  | Xn; R 22                                  | potassium bis(N-carboxymethyl)-N-methyl-glycinato-(2-)N,O,O,N)-ferrate-(1-) monohydrate   |
| 411-650-3 | 93-06-0486   | TRIAZAMATE   | T; R 23/25<br>N; R 50-53                  | 1-(N,N-dimethylcarbamoyl)-3-tert-butyl-5-carbomethoxymethylthio-1H-1,2,4-triazole   |
| 411-660-8 | 93-06-0487<br>93-06-0503   | ACETOXYACID  | Xn; R 22<br>Xi; R 38-41<br>R 43           | A mixture of: trans-(2R)-5-acetoxy-1,3-oxathiolane-2-carboxylic acid;<br>cis-(2R)-5-acetoxy-1,3-oxathiolane-2-carboxylic acid   |
| 411-670-2 | 93-06-0488   | PX-7-5   |   |   |
| 411-680-7 | 93-04-0527   | ACETESSIG-KRESIDINSULFOSÄURES NATRIUMSALZ  | R 43                                      | sodium 3-acetoacetylamino-4-methoxytolyl-6-sulfonate  |
| 411-690-1 | 93-04-0540   | LI-BIT   | Xn; R 22<br>C; R 34<br>R 43<br>N; R 51-53 | lithium 3-oxo-1,2(2H)-benzothiazol-2-ide  |
| 411-700-4 | 93-04-0545   | HÄRTER VERSUCHSPRODUKT LS 2959E<br>HÄRTER VP LS 2959E  | R 43                                      | 1,6-hexanediy-bis(2-(2-(1-ethylpentyl)-3-oxazolidinyl)ethyl)carbamate   |

| EC Number | Registration Number  | Trade Name  | Classification                    | Name in the IUPAC Nomenclature  |
|-----------|--|---|-----------------------------------|---|
| 411-710-9 | 93-04-0550   | DISPERSIONSGELB 2530  | R 53                              | A mixture of: 3-((5-cyano-1,6-dihydro-1,4-dimethyl-2-hydroxyl-6-oxo-3-pyridinyl)azo)-benzoyloxy-2-phenoxyethane;<br>3-((5-cyano-1,6-dihydro-1,4-dimethyl-2-hydroxyl-6-oxo-3-pyridinyl)azo)-benzoyloxy-2-ethyloxy-2-(ethylphenol)  |
| 411-720-3 | 93-04-0553   | HS 2046   |                                   |   |
| 411-730-8 | 93-06-0463   | BLACK 500   | R 53                              | 2'-anilino-6'-((3-ethoxypropyl)ethylamino)-3'-methylspiro(isobenzo-3-oxofuran)-1-(1H)-9'-xanthene   |
| 411-740-2 | 93-06-0464   | TILCOM HTB  | Xi; R 41<br>R 43                  | hafnium tetra-n-butoxide  |
| 411-750-7 | 93-06-0465   | FLUPOXAM  | *                                 | 1-[4-chloro-3-((2,2,3,3,3-pentafluoropropoxy)methyl)phenyl]-5-phenyl-1H-1,2,4-triazole-3-carboxamide  |
| 411-760-1 | 00-06-1375<br>93-01-0284<br>93-07-0046                             | COMMERCIAL DRAGON II  | N; R 51-53                        | bis(N,N',N''-trimethyl-1,4,7-triazacyclononane)-trioxo-dimanganese (IV)<br>di(hexafluorophosphate)monohydrate   |
| 411-770-6 | 92-05-0180<br>93-01-0261<br>93-06-0445<br>93-12-0078<br>95-15-0030 | CIBACRON NAVY AE 3510<br>CIBACRON NAVY F-R<br>REACTIVE NAVY AE 3510 | R 52-53                           | trisodium 5-amino-3-[5-(2-bromoacryloylamino)-2-sulfonatophenylazo]-4-hydroxy-6-(4-vinylsulfonylphenylazo)naphthalene-2,7-disulfonate   |
| 411-780-0 | 93-06-0468   | BRL 47539   | Xn; R 22<br>N; R 51-53            | 2-(2-iodoethyl)-1,3-propanediol diacetate   |
| 411-790-5 | 93-06-0469   | KY-MA   | N; R 50-53                        | 2,4-bis[N'-(4-methylphenyl)ureido]toluene   |
| 411-810-2 | 93-07-0045<br>93-06-0518   | 1,3-PPD   | Xi; R 41                          | 2-phenyl-1,3-propanediol  |
| 411-820-7 | 93-07-0048   | ENOL SULFOXIDE ESTER  | *                                 | (4-nitrophenyl)methyl [6R,(6',7')] -[3-hydroxy-5,8-dioxo-7-(phenoxyacetyl-amino)-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate]   |
| 411-830-1 | 93-04-0551   | VESTAGON EP S 270   | Xi; R 41<br>R 43<br>R 52-53       | A mixture of: cis-(5-ammonium-1,3,3-trimethyl)-cyclohexanemethylammonium phosphate (1:1);<br>trans-(5-ammonium-1,3,3-trimethyl)-cyclohexanemethylammonium phosphate (1:1)   |
| 411-840-6 | 93-04-0563   | PIGMENTGELB P-541   | *                                 | N,N'-1,4-phenylenebis(2-((2-methoxy-4-nitrophenyl)azo)-3-oxobutanamide  |
| 411-850-0 | 93-04-0564<br>93-01-0282   | GLIMEPIRID-SULFONAMID<br>GLIMEPIRIDE SULFONAMIDE                    | R 52-53                           | 4-((3-ethyl-4-methyl-2-oxo-pyrrolin-1-yl)carboxamido)ethyl)benzenesulfonamide   |
| 411-860-5 | 93-03-0219   | PRICARE   | Xi; R 38-41<br>R 43<br>N; R 51-53 | A mixture of: dodecanoic acid;<br>poly(1-7)lactate esters of dodecanoic acid  |
| 411-880-4 | 93-04-0542   | DISPERSIONSROT 2754   | R 43<br>N; R 51-53                | A mixture of: 3-cyano-5-(2-cyano-4-nitro-phenylazo)-2-(2-hydroxyethylamino)-4-methyl-6-[3-(2-phenoxyethoxy)propylamino]pyridine;<br>3-cyano-5-(2-cyano-4-nitro-phenylazo)-6-(2-hydroxyethylamino)-4-methyl-2-[3-(2-phenoxyethoxy)propylamino]pyridine;<br>3-cyano-5-(2-cyano-4-nitro-phenylazo)-2-amino-4-methyl-6-[3-(3-hydroxypropoxy)propylamino]pyridine;<br>3-cyano-5-(2-cyano-4-nitro-phenylazo)-6-amino-4-methyl-2-[3-(3-methoxypropoxy)propylamino]pyridine |

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|-----------|--------------------------|--|--|---|
| 411-890-9 | 93-04-0552               | DUASYN-DIREKTSCHWARZ HEF-SF-VP 332   | Xn; R 22<br>Xi; R 41<br>R 52-53                          | A mixture of: trilithium 4-amino-3-((4-((4-((2-amino-4-hydroxyphenyl)azo)phenyl)amino)-3-sulfophenyl)azo)-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulfonate;<br>trilithium 4-amino-3-((4-((4-((4-amino-2-hydroxyphenyl)azo)phenyl)amino)-3-sulfophenyl)azo)-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulfonate |
| 411-900-1 | 93-04-0554               | OEH 4078   |  |   |
| 411-910-6 | 93-03-0218               | PRICARE  | Xi; R 38-41<br>R 43<br>N; R 51-53                        | A mixture of: tetradecanoic acid;<br>poly(1-7)lactate esters of tetradecanoic acid  |
| 411-920-0 | 93-04-0555               | SANDUVOR 3056  | T; R 23<br>Xn; R 22-48/22<br>C; R 35<br>N; R 50-53       | 3-dodecyl-(1-(1,2,2,6,6-pentamethyl-4-piperidin-yl)-2,5-pyrrolidindione   |
| 411-930-5 | 93-04-0557<br>98-06-1123 | SANDUVOR 3058  | *  | 1-acetyl-4-(3-dodecyl-2,5-dioxo-1-pyrrolidinyl)-2,2,6,6-tetramethylpiperidine   |
| 411-950-4 | 93-04-0561<br>93-01-0252 | MEHPOPS<br>R-MAQ-ME  | Xi; R 41<br>R 52-53                                      | methyl (R)-2-(4-hydroxyphenoxy)propionate   |
| 411-960-9 | 93-06-0493               | FLUQUINCONAZOLE  | T; R 23/25-48/25<br>Xn; R 21<br>Xi; R 38<br>N; R 50-53   | 3-(2,4-dichlorophenyl)-6-fluoro-2-(1H-1,2,4-triazol-1-yl)quinazolin-4-(3H)-one  |
| 411-970-3 | 93-06-0495               | A1354  | Xn; R 22-48/22   | 3'-(3-acetyl-4-hydroxyphenyl)-1,1-diethylurea   |
| 411-980-8 | 93-06-0498               | 3-CHLORO-2,4-DIFLUORONITROBENZENE  | Xn; R 22<br>C; R 34<br>R 43<br>N; R 50-53                | 3-chloro-2,4-difluoronitrobenzene   |
| 411-990-2 | 93-06-0500               | FAT 92'364/A   | R 43   | 1,2-dihydro-6-hydroxy-4-methyl-1-[3-(1-methylethoxy)propyl]-2-oxo-3-pyridinecarbonitrile  |
| 412-000-1 | 93-05-0226               | CGI 784  | F; R 11<br>Repr.Cat.3; R 62<br>Xn; R 48/22<br>N; R 51-53 | bis(5-cyclopentadienyl)-bis(2,6-difluoro-3-[pyrrol-1-yl]-phenyl)titanium  |
| 412-010-6 | 93-05-0220               | CGI 403  | R 43<br>N; R 50-53                                       | bis(2,6-dimethoxybenzoyl)-2,4,4-trimethylpentylphosphin oxide   |
| 412-020-0 | 92-07-0037               | EUGEWHITE  | R 43<br>R 52-53  | A mixture of: 2-methoxy-4-(tetrahydro-4-methylene-2H-pyran-2-yl)-phenol;<br>4-(3,6-dihydro-4-methyl-2H-pyran-2-yl)-2-methoxyphenol  |
| 412-050-4 | 92-04-0509<br>99-11-0158 | FLORHYDRAL   | N; R 51-53   | -methyl-3-(1-methylethyl)benzene propanal   |
| 412-060-9 | 92-04-0522<br>99-05-0338 | DESMOPHEN VP-LS 2973 E<br>DESMOPHEN VP-LS 2975 E<br>DESMOPHEN VP-LS 2985 E | R 43<br>R 52-53  | bis(4-(1,2-bis(ethoxycarbonyl)ethylamino)-3-methylcyclohexyl)methane  |
| 412-070-3 | 93-04-0537               | REACTIVE BLUE FC 53534   |  |   |
| 412-080-8 | 93-04-0539               | AZA-KRONE-DISULFAT<br>SQ 84,042F   | Xn; R 22<br>Xi; R 37-41<br>R 52-53                       | 1,4,7,10-tetraazacyclododecane disulfate  |
| 412-090-2 | 93-04-0560               | RO 827   | *  | 4-ethylamino-3-nitrobenzoic acid  |

| EC Number | Registration Number  | Trade Name  | Classification                                  | Name in the IUPAC Nomenclature  |
|-----------|--|---|---|---|
| 412-100-5 | 93-04-0529<br>92-04-0494   | 5-CHLORCARBONYL-5H-DIBENZ(B,F)AZEPIN<br>CHLORCARBONYLIMINOSTILBEN<br>PHILO 2000 |   |   |
| 412-120-4 | 93-01-0281   | FAT 92'365/A  | Xn; R 48/22<br>R 43<br>N; R 51-53               | 2-naphthylamino-6-sulfomethylamide  |
| 412-130-9 | 93-01-0286   | IMEXINE OAY   | Xn; R 22<br>Xi; R 41<br>N; R 51-53              | 5,6-dihydroxyindole   |
| 412-140-3 | 93-05-0228   | PEROXIMON 180   | O; R 7<br>R 53                                  | A mixture of: 2,2'-bis(tert-pentylperoxy)-p-diisopropylbenzene;<br>2,2'-bis(tert-pentylperoxy)-m-diisopropylbenzene   |
| 412-150-8 | 93-06-0501   | B20590  |   |   |
| 412-160-2 | 93-06-0502<br>93-01-0297<br>94-12-0105                             | FAT 45' 134/B   |   |   |
| 412-170-7 | 93-07-0050   | SQ 26999  | Xn; R 48/22<br>Xi; R 41<br>R 43                 | ((4-phenylbutyl)hydroxyphosphoryl)acetic acid   |
| 412-180-1 | 93-06-0504   | 1,2-DIETHOXYPROPANE   | F; R 11<br>R 19                                 | 1,2-diethoxypropane   |
| 412-190-6 | 93-06-0506<br>93-04-0627<br>95-04-0768                             | DION<br>FBC 96912   | N; R 50-53                                      | 3-(2,4-dichlorophenyl)-6-fluoroquinazoline-2,4(1H,3H)-dione   |
| 412-200-9 | 93-06-0507   | CP-13,853   | Repr.Cat.3; R 62<br>Xn; R 22<br>R 43<br>R 52-53 | 5-chloro-1,3-dihydro-2H-indol-2-one   |
| 412-210-3 | 93-06-0508   | ST112HBI  | N; R 50-53                                      | 2-[[[2-(acetyloxy)-3-(1,1-dimethylethyl)-5-methylphenyl]methyl]-6-(1,1-dimethylethyl)-4-methylphenol  |
| 412-220-8 | 93-06-0510   | PERMAPOL MS-200   |   | A polymer of: -hydro- -hydroxy-poly(oxy(methyl-1,2-ethanediy)), oxirane, propane-1,2,3-triol, 1,3-diisocyanomethylbenzene, 3-mercaptopropan-1-ol and ethyltrimethylsilane                                       |
| 412-230-2 | 93-06-0511<br>93-06-0537   | SUBSTANCE S68494  | Xn; R 22<br>C; R 34<br>N; R 51-53               | 3-aminobenzylamine  |
| 412-240-7 | 93-06-0513<br>93-04-0612<br>93-05-0232<br>93-11-0094<br>93-12-0100 | C.I. REACTIVE BLUE 217  | N; R 51-53                                      | hexasodium 1,1'-[(1-amino-8-hydroxy-3,6-disulfonate-2,7-naphthalenediyl)bis(azo(4-sulfonate-1,3-phenyl)imino[6-[(4-chloro-3-sulfonatophenyl)amino]-1,3,5-triazin-2,4-diy]]]bis[3-carboxypyridinium] dihydroxide |
| 412-250-1 | 93-06-0515<br>94-06-0596   | TSD-44  | R 53  | 2-acetylamino-6-chloro-4-[(4-diethylamino)-2-methylphenyl-imino]-5-methyl-1-oxo-2,5-cyclohexadiene  |
| 412-260-6 | 93-06-0516<br>93-04-0594<br>93-06-0517                             | MONO 442  | Xi; R 36<br>R 43<br>N; R 51-53                  | A mixture of: 7,9,9-trimethyl-3,14-dioxa-4,13-dioxo-5,12-diazahexadecane-1,16-diylprop-2-enoate;<br>7,7,9-trimethyl-3,14-dioxa-4,13-dioxo-5,12-diazahexadecan-1,16-diylprop-2-enoate                            |



| EC Number | Registration Number                    | Trade Name   | Classification  | Name in the IUPAC Nomenclature  |
|-----------|--|--|---|---|
| 412-270-0 | 92-11-0061                             | POLLENAL II  | R 43<br>N; R 51-53  | 2-cyclohexylpropanal  |
| 412-280-5 | 92-11-0063                             | POIRENATE  | N; R 51-53  | ethyl 2-cyclohexylpropionate  |
| 412-300-2 | 92-11-0065                             | AMBER CORE   | N; R 51-53  | 1-[(2-tert-butyl)cyclohexyloxy]-2-butanol   |
| 412-310-7 | 92-06-0413                             | AMINOETHER   | R 43<br>R 52-53   | 2-(O-aminooxy)ethylamine dihydrochloride  |
| 412-320-1 | 93-06-0519<br>95-15-0059               | NSGBB<br>YELLOW BROWN E-GLN  | Xi; R 41<br>R 52-53   | sodium 2-anilino-5-(2-nitro-4-(N-phenylsulfamoyl)anilinobenzenesulfonate  |
| 412-330-6 | 93-06-0521                             | ROP-32M  |   |   |
| 412-340-0 | 93-06-0522<br>94-06-0597<br>97-04-0993 | SE-499   | N; R 50-53  | N-acetyl-N-[5-cyano-3-(2-dibutylamino-4-phenylthiazol-5-yl-methylene)-4-methyl-2,6-dioxo-1,2,3,6-tetrahydropyridin-1-yl]benzamide                     |
| 412-350-5 | 93-06-0523                             | MP DIOL(R) GLYCOL  |   | 2-methyl-1,3-propanediol  |
| 412-370-4 | 93-06-0524                             | STAGE 5  | *   |   |
| 412-380-9 | 93-06-0525                             | PERMACHEM N21  | E; R 2<br>Carc.Cat.3; R 40<br>Xn; R 22-48/22<br>C; R 35<br>R 43<br>N; R 50-53 | 2,2-dibromo-2-nitroethanol  |
| 412-390-3 | 93-06-0526                             | UK-51,060-01   | Xn; R 22<br>Xi; R 41<br>R 43  | 2,4-difluoro- (1H-1,2,4-triazol-1-yl)acetophenone hydrochloride   |
| 412-400-6 | 93-06-0530                             | ROP-3M   |   |   |
| 412-410-0 | 93-07-0051                             | EBPA-DN  | R 52-53   | ethoxylated bis phenol A di-(norbornene carboxylate)  |
| 412-420-5 | 93-07-0053                             | TRITYL-LOSARTAN<br>TRITYL-MK0954                                       | R 53  | 2-butyl-4-chloro-4,5-dihydro-5-hydroxymethyl-1-[2'-(2-triphenylmethyl-1,2,3,4-2H-tetrazol-5-yl)-1,1'-biphenyl-4-methyl]-1H-imidazole                  |
| 412-440-4 | 93-03-0223                             | CYAGARD UV 1164 LIGHT STABILIZER                                       |   |   |
| 412-450-9 | 93-03-0238<br>93-07-0052               | CLARYCET   | R 43  | A mixture of: trans-4-acetoxy-4-methyl-2-propyl-tetrahydro-2H-pyran;<br>cis-4-acetoxy-4-methyl-2-propyl-tetrahydro-2H-pyran                           |
| 412-460-3 | 93-03-0242                             | NEOCASPIRENE   | Xi; R 38<br>N; R 51-53  | A mixture of 4 diastereoisomers of 2,7-dimethyl-10-(1-methylethyl)-1-oxaspiro[4.5]deca-3,6-diene  |
| 412-470-8 | 93-01-0288<br>96-01-0393               | L (-) CHLOROPROPIONATE DE METHYLE<br>S (-) CHLOROPROPIONATE DE METHYLE | R 10<br>Xn; R 48/22<br>Xi; R 36   | (S)-methyl-2-chloropropionate   |
| 412-480-2 | 93-01-0291                             | ESTOFIL ROUGE S-FBL  | N; R 51-53  | 6-anilino-1-benzoyl-4-(4-tert-pentylphenoxy)naphto[1,2,3-de]quinoline-2,7-(3H)-dione  |
| 412-490-7 | 92-04-0490                             | REAKTIVROT 2713  | *   |   |
| 412-510-4 | 93-04-0558<br>97-04-0982               | OXAMITOL   | *   | 4-amino-2-(aminomethyl)phenol dihydrochloride   |
| 412-520-9 | 93-04-0559<br>93-04-0604               | PIKRAMINROT  | F; R 11<br>Repr.Cat.3; R 62<br>Xn; R 22                                       | 2-(2-hydroxy-3,5-dinitroanilino)ethanol   |
| 412-530-3 | 93-05-0233                             | YELLOW DO 2286   | Xi; R 41<br>R 43  | disodium 5-[5-[4-(5-chloro-2,6-difluoropyrimidin-4-ylamino)benzamido]-2-sulfonatophenylazo]-1-ethyl-6-hydroxy-4-methyl-2-oxo-3-pyridylmethylsulfonate |

| EC Number | Registration Number                    | Trade Name  | Classification                                  | Name in the IUPAC Nomenclature  |
|-----------|--|---|---|---|
| 412-540-8 | 93-01-0290                             | ET 344 SP   | Xi; R 38<br>N; R 51-53                          | ethyl trans-2,2,6-trimethylcyclohexanecarboxylate   |
| 412-550-2 | 93-01-0298<br>96-01-0383               | GRAPHTOL ORANGE 3RT<br>PERMANENT ORANGE 2 RLD<br>PERMANENT ORANGE 3 RTN | R 53  | A mixture of: N-(4-chlorophenyl)-4-(2,5-dichloro-4-(dimethylsulfamoyl)phenylazo)-3-hydroxy-2-naphthalenecarboxamide;<br>N-(4-chlorophenyl)-4-(2,5-dichloro-4-(methylsulfamoyl)phenylazo)-3-hydroxy-2-naphthalenecarboxamide |
| 412-570-1 | 93-03-0254                             | PERKALINK 900   | Xn; R 48/22<br>Xi; R 41<br>R 43<br>N; R 50-53   | 1,3-bis(3-methyl-2,5-dioxo-1H-pyrrolinylmethyl)benzene  |
| 412-580-6 | 93-03-0257<br>96-11-0122               | PRIAZUL MYRISTOYL LACTYLATE<br>PRICARE MYRISTYL LACTYLATE (1:1.5)       | *   |   |
| 412-590-0 | 93-03-0258<br>96-11-0121               | PRIAZUL LAUROYL LACTYLATE<br>PRICARE LAURYL LACTYLATE (1:1.5)           | *   |   |
| 412-600-3 | 95-06-0682<br>93-03-0259<br>98-01-0521 | FC 102<br>UM-234  |   |   |
| 412-620-2 | 93-04-0580<br>99-01-0590               | SILAN DMS   | N; R 51-53                                      | 1-((3-(3-chloro-4-fluorophenyl)propyl)dimethylsilyl)-4-ethoxybenzene  |
| 412-630-7 | 93-04-0624                             | REAKTIV-MARINEBLAU F-63 774 FW  |   |   |
| 412-640-1 | 93-04-0593                             | CROMOPHTAL DPP ORANGE TR<br>IRGAZIN DPP ORANGE 398A                     |   |   |
| 412-650-6 | 93-03-0262<br>95-06-0688               | TSD-4   | R 53  | 4-((4-(diethylamino)-2-ethoxyphenyl)imino)-1,4-dihydro-1-oxo-N-propyl-2-naphthalenecarboxamide  |
| 412-660-0 | 93-03-0270<br>96-11-0129               | FLEURANIL   | N; R 51-53                                      | A mixture of: 3-(4-ethylphenyl)-2,2-dimethylpropanenitrile;<br>3-(2-ethylphenyl)-2,2-dimethylpropanenitrile;<br>3-(3-ethylphenyl)-2,2-dimethylpropanenitrile  |
| 412-670-5 | 93-03-0264                             | P-NITROBENZYLESTER PGSO.  | R 42  | (1S,3S,5R,6R)-(4-nitrophenylmethyl)-1-dioxo-6-phenylacetamido-penam-3-carboxylate   |
| 412-690-4 | 92-04-0489                             | CVP   | *   |   |
| 412-700-7 | 92-04-0508                             | C11-NEODIAMINE  | Xn; R 21/22-48/22<br>C; R 34<br>R 43<br>R 52-53 | 2-butyl-2-ethyl-1,5-diaminopentane  |
| 412-710-1 | 93-04-0602                             | REACTIVE GREEN FC 54200   |   |   |
| 412-720-6 | 93-04-0622                             | REAKTIV-GELB F-66 923 FW  |   |   |
| 412-730-0 | 93-04-0631                             | DIRECT BLUE CA 36133  | C; R 34   | sodium [29H,31H-phthalocyaninato-(2-)-N29,N30,N31,N32]-((3-(N-methyl-N-(2-hydroxyethyl)amino)propyl)amino)sulfonyl-sulfonato, copper complex  |
| 412-740-5 | 93-04-0636                             | GOLPANOL APC  | Xn; R 22<br>R 43                                | 1-(2-propenyl)pyridinium chloride   |
| 412-760-4 | 92-04-0470                             | 8-AMINO-7-METHYLCHINOLIN  | Xn; R 21/22<br>R 43<br>N; R 51-53               | 8-amino-7-methylquinoline   |
| 412-770-9 | 93-04-0589                             | NATRIUMMETAWOLFRAMAT  | Xn; R 22<br>Xi; R 41<br>R 52-53                 | hexasodium tungstate hydrate  |

| EC Number | Registration Number      | Trade Name   | Classification   | Name in the IUPAC Nomenclature   |
|-----------|--------------------------|--|--|--|
| 412-780-3 | 93-04-0633               | ADDITIV 104  | Xi; R 38<br>R 43<br>N; R 51-53                           | Reaction product of ammonium molybdate and C12-C24-diethoxylated alkylamine (1:5-1:3)  |
| 412-790-8 | 93-04-0637               | VERNETZER TMAG   | Carc.Cat.2; R 45<br>Muta.Cat.3; R 68<br>Xn; R 48/22      | A mixture of: N-[3-hydroxy-2-(2-methylacryloylaminomethoxy)propoxymethyl]-2-methylacrylamide;<br>N-[2,3-bis-(2-methylacryloylaminomethoxy)propoxymethyl]-2-methylacrylamide;<br>methacrylamide;<br>2-methyl-N-(2-methylacryloylaminomethoxymethyl)acrylamide;<br>N-(2,3-dihydroxypropoxymethyl)-2-methylacrylamide |
| 412-800-0 | 93-03-0265               | G-EXOMETHYLENE SULFOXIDE ESTER.  | R 42   | (1S,4R,6R,7R)-(4-nitrophenylmethyl)3-methylene-1-oxo-7-phenylacetamido-cepham-4-carboxylate  |
| 412-810-5 | 92-06-0399               | DPX-E9260  |  |  |
| 412-830-4 | 92-06-0390               | ODPA   | R 52-53  | 4,4'-oxydiphthalic anhydride   |
| 412-840-9 | 92-04-0476               | LUPRAGEN VP 9199 X   | Xn; R 22-48/22<br>C; R 35<br>R 52-53                     | 4,4'-methylenebis(N,N'-dimethylcyclohexanamine)  |
| 412-850-3 | 92-06-0406               | RH-5992  | N; R 51-53   | N-tert-butyl-N'-(4-ethylbenzoyl)-3,5-dimethylbenzohydrazide  |
| 412-860-8 | 93-03-0224               | CYAGARD UV 1164L LIGHT STABILIZER  |  |  |
| 412-870-2 | 93-06-0531               | PRO-JET 900 NP   |  |  |
| 412-880-7 | 93-06-0532<br>00-04-1322 | 1,1-DIMETHYLETHOXY-CARBONYL-METHYLEN-TRIPHENYLPHOSPHORAN<br>DMY<br>PHOSPHORANE | T; R 25<br>Xn; R 48/22<br>Xi; R 36<br>R 43<br>N; R 51-53 | tert-butyl (triphenylphosphoranylidene) acetate  |
| 412-890-1 | 93-04-0596<br>93-04-0618 | 2-CHLOR-4-TOLUOLSULFONYLCHLORID  | C; R 34<br>R 43<br>R 52-53                               | 2-chloro-p-toluenesulfochloride  |
| 412-900-4 | 93-04-0629               | BETA-METHOXYACRYLSÄURE METHYLESTER   | R 43   | methyl-3-methoxyacrylate   |
| 412-910-9 | 93-04-0621               | REAKTIV-ROT F 67 637 FW  |  |  |
| 412-920-3 | 93-04-0607               | DIETHANOLAMIN-TRITOSYLAT   | R 43<br>R 53   | N,N-bis(2-(p-toluenesulfonyloxy)ethyl)-p-toluenesulfonamide  |
| 412-930-8 | 93-06-0534               | BERRYFLOR  |  |  |
| 412-940-2 | 93-06-0542<br>01-06-1502 | PROCION YELLOW PX-R<br>S154357<br>SUBSTANCE S154357                            | *  |  |
| 412-950-7 | 93-06-0553               | OKOUMAL  | N; R 50-53   | A mixture of: trans-2,4-dimethyl-2-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-naphthalene-2-yl)-1,3-dioxolane;<br>cis-2,4-dimethyl-2-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-naphthalene-2-yl)-1,3-dioxolane  |
| 412-960-1 | 93-06-0558               | PROCION BRILLIANT ORANGE H-EXL<br>S156745                                      | Xi; R 41<br>R 43<br>R 52-53                              | octasodium 2-(6-(4-chloro-6-(3-(N-methyl-N-(4-chloro-6-(3,5-disulfonato-2-naphthylazo)-1-hydroxy-6-naphthylamino)-1,3,5-triazin-2-yl)aminomethyl)phenylamino)-1,3,5-triazin-2-ylamino)-3,5-disulfonato-1-hydroxy-2-naphthylazo)naphthalene-1,5-disulfonate   |
| 412-970-6 | 93-06-0546               | T-3FCLF  |  |  |
| 412-980-0 | 93-06-0547               | T-3FCLF  |  |  |
| 412-990-5 | 93-06-0548               | T-3FFF   |  |  |
| 413-000-4 | 93-06-0549               | T-5FCLF  |  |  |

| EC Number | Registration Number                                  | Trade Name   | Classification  | Name in the IUPAC Nomenclature  |
|-----------|--|--|---|---|
| 413-010-9 | 93-05-0222   | DMBC   | C; R 34<br>R 43   | 3,5-dimethylbenzoyl chloride  |
| 413-020-3 | 93-06-0536   | GOLD MERCAPTOPROPIONYL GLYCINE                                     |   | gold(I) N-(2-mercaptopropionyl)glycine  |
| 413-030-8 | 93-06-0539<br>94-11-0108                             | 2-ADPS   | R 43<br>N; R 51-53                                      | 2-phenylthioaniline   |
| 413-040-2 | 93-06-0540   | FAT 40'489   | R 43  | methyl N-[3-acetylamino)-4-(2-cyano-4-nitrophenylazo)phenyl]-N-[(1-methoxy)acetyl]glycinate   |
| 413-050-7 | 93-06-0550   | HEXACONAZOLE   | Xn; R 22<br>R 43<br>N; R 51-53                          | (RS)-2-(2,4-dichlorophenyl)-1-(1H-1,2,4-triazol-1-yl)hexan-2-ol   |
| 413-060-1 | 93-03-0260   | REOFLAM PB 370   | *   |   |
| 413-070-6 | 93-04-0616   | REACTIVE RED 202 (ESTER)   | *   |   |
| 413-080-0 | 93-04-0570<br>94-06-0600<br>98-06-1104               | 2-PHENYLETHYLISOCYANAT<br>2-PHENYLETHYLISOCYANATE                  | T; R 23<br>Xn; R 22<br>C; R 35<br>R 42/43<br>N; R 51-53 | 2-phenylethylisocyanate   |
| 413-090-5 | 93-04-0620   | REAKTIV-GELB F-68 072 FW   |   |   |
| 413-100-8 | 92-04-0501   | DOC  | *   |   |
| 413-110-2 | 93-02-0131<br>98-06-1071                             | GEL ALL DX<br>MILLAD 3988  | *   |   |
| 413-120-7 | 93-02-0141   | CARBODIM   | Xn; R 22<br>N; R 51-53                                  | 4-(4,4-dimethyl-3-oxo-pyrazolidin-1-yl)-benzoic acid  |
| 413-130-1 | 93-06-0535<br>94-03-0276<br>95-03-0316<br>96-04-0858 | LR-147   |   |   |
| 413-140-6 | 93-06-0543<br>93-06-0551                             | DE 3   | R 10  | 1,3-diethoxypropane   |
| 413-150-0 | 93-06-0555   | BORON-AMINE CATALYST   | *   |   |
| 413-160-5 | 93-06-0559<br>98-04-1104                             | GR46150X<br>N-METHYL-VINYLSULFONAMID                               | *   |   |
| 413-180-4 | 93-06-0560   | C.I. DIRECT VIOLET 107<br>PRO-JET FAST MAGENTA 2 COLOUR<br>S161629 | Xi; R 41<br>R 43<br>R 52-53                             | A mixture of: sodium 5-[8-[4-[4-[4-[7-(3,5-dicarboxylatophenylazo)-8-hydroxy-3,6-disulfonatonaphthalen-1-ylamino]-6-hydroxy-1,3,5-triazin-2-yl]-2,5-dimethylpiperazin-1-yl]-6-hydroxy-1,3,5-triazin-2-ylamino]-1-hydroxy-3,6-disulfonatonaphthalen-2-ylazo]-isophthalate;<br>ammonium 5-[8-[4-[4-[4-[7-(3,5-dicarboxylatophenylazo)-8-hydroxy-3,6-disulfonatonaphthalen-1-ylamino]-6-hydroxy-1,3,5-triazin-2-yl]-2,5-dimethylpiperazin-1-yl]-6-hydroxy-1,3,5-triazin-2-ylamino]-1-hydroxy-3,6-disulfonatonaphthalen-2-ylazo]-isophthalate;<br>5-[8-[4-[4-[4-[7-(3,5-dicarboxylatophenylazo)-8-hydroxy-3,6-disulfonatonaphthalen-1-ylamino]-6-hydroxy-1,3,5-triazin-2-yl]-2,5-dimethylpiperazin-1-yl]-6-hydroxy-1,3,5-triazin-2-ylamino]-1-hydroxy-3,6-disulfonatonaphthalen-2-ylazo]-isophthalic acid |
| 413-190-9 | 93-06-0538   | FC 4001  |   |   |

| EC Number | Registration Number  | Trade Name  | Classification                                     | Name in the IUPAC Nomenclature   |
|-----------|--|---|--|--|
| 413-200-1 | 93-04-0590<br>94-06-0653   | TSD-40  | R 43   | N-(5-chloro-3-((4-(diethylamino)-2-methylphenyl)imino-4-methyl-6-oxo-1,4-cyclohexadien-1-yl)benzamide  |
| 413-210-6 | 93-04-0601   | ORASOL ROT 1988C  | N; R 51-53   | tert-(dodecyl/tetradecyl)-ammonium bis(3-(4-((5-(1,1-dimethyl-propyl)-2-hydroxy-3-nitrophenyl)azo)-3-methyl-5-hydroxy-(1H)pyrazol-1-yl)benzenesulfonamido)chromate |
| 413-220-0 | 93-04-0613   | AKTIVATOR KE 8609   | *  |  |
| 413-230-5 | 93-04-0615   | LUCHEM HA-R 100<br>LUPERSOL HA-R 100                                    | Xi; R 41<br>R 43                                   | oxo-((2,2,6,6-tetramethylpiperidin-4-yl)amino)carbonylaceto-hydrazide  |
| 413-250-4 | 93-04-0625   | REAKTIV-ORANGE F-66 166 FW  |  |  |
| 413-260-9 | 93-05-0238<br>98-05-0315   | 5-METHYLPYRAZINE-2-CARBOXYLIC ACID<br>ACIDO 5-METILPIRAZIN CARBOSSILICO | *  | 5-methylpyrazine-2-carboxylic acid   |
| 413-270-3 | 94-01-0300   | BROMHYDRATE DE RIDANE   |  |  |
| 413-280-8 | 92-04-0454<br>95-04-0725   | CHLORGELB<br>HC YELLOW 12   | Xn; R 22<br>N; R 51-53                             | 2-[(4-chloro-2-nitrophenyl)amino]ethanol   |
| 413-290-2 | 93-04-0595   | DIAZO W 6623-TS   | F; R 11<br>Xn; R 22<br>Xi; R 41<br>R 43<br>R 52-53 | 2,5-dibutoxy-4-(morpholin-4-yl)benzenediazonium 4-methylbenzenesulfonate   |
| 413-300-5 | 93-04-0606   | DIETHYLEN-TRIAMIN-TRITOSYLAT  | R 53   | 4-methyl-N,N-bis(2-((4-methylphenyl)sulfonyl)amino)ethylbenzenesulfonamide   |
| 413-320-4 | 93-04-0608   | TZ 02508  | T; R 48/25<br>Xi; R 38<br>R 53                     | trioctylstannane   |
| 413-330-9 | 93-04-0632   | SUMIKARON BRILLIANT RED S-BWF   | R 53   | 3-phenyl-7-[4-(tetrahydrofurfuryloxy)phenyl]-1,5-dioxo-s-indacen-2,6-dione   |
| 413-340-3 | 92-04-0468<br>93-08-0078   | DUPLOSAN-DP-NATRIUM<br>DUPOLSON-DP-NATRIUM                              | Xn; R 22<br>Xi; R 38-41<br>R 43                    | sodium (R)-2-(2,4-dichlorophenoxy)propionate   |
| 413-350-8 | 92-04-0478   | KE 2627   |  |  |
| 413-360-2 | 92-04-0469<br>93-08-0079   | DUPLOSAN-DP-MAGNESIUM   | Xn; R 22<br>Xi; R 38-41<br>R 43                    | magnesium-bis((R)-2-(2,4-dichlorophenoxy)propionate)   |
| 413-370-7 | 92-02-0103   | RAPICURE CHVE   | R 43<br>N; R 51-53                                 | 1,4-bis[(vinyloxy)methyl]cyclohexane   |
| 413-380-1 | 90-02-0076   | REACTINT VIOLET X80LT   | N; R 51-53   | N,N-di-[poly(oxyethylene)-co-poly(oxypropylene)]-4-[(3,5-dicyano-4-methyl-2-thienyl)azo]-3-methylaniline   |
| 413-390-6 | 93-05-0236   | COSMACOL EMI  |  | bis(C12-C13)alkyl-2-hydroxybutandioate   |
| 413-400-9 | 93-05-0237   | COSMACOL ETL  |  | bis(C14-C15)alkyl-2,3-dihydroxybutandioate   |
| 413-410-3 | 93-06-0541<br>96-07-0102<br>98-05-0319<br>98-07-0157<br>98-16-0004 | AMLODIPINE STEP 3<br>UK-52,416  | R 53   | 3-ethyl 5-methyl 4-(2-chlorophenyl)-1,4-dihydro-2-[2-(1,3-dihydro-1,3-dioxo-(2H)isoindol-2-yl)-ethoxymethyl]-6-methyl-3,5-pyridinedicarboxylate                    |
| 413-420-8 | 93-06-0544   | PC-709  | C; R 34<br>R 43<br>N; R 51-53                      | [2-[[[(2-hydroxyethyl)methylamino]acetyl]amino]propyl]- (nonylphenoxy)poly[oxo(methyl-1,2-ethanediy)]  |

| EC Number | Registration Number                    | Trade Name  | Classification                                  | Name in the IUPAC Nomenclature  |
|-----------|--|---|---|---|
| 413-430-2 | 93-06-0552<br>00-06-1393               | BDOMPP  | N; R 50-53                                      | P,P,P',P'-tetrakis-(o-methoxyphenyl)propane-1,3-diphosphine   |
| 413-440-7 | 93-06-0554<br>95-02-0159               | DAM 520   | R 43<br>R 52-53                                 | 2-aminosulfonyl-N,N-dimethylnicotinamide  |
| 413-450-1 | 94-06-0566                             | FT-5.FCL  |   |   |
| 413-460-6 | 93-04-0623                             | REAKTIV-GELB F-67294                              |   |   |
| 413-470-0 | 93-04-0597                             | LEVAFIX GELB FC 47859<br>REACTIVE YELLOW FC 47859 | R 43  | sodium (1.0-1.95)/lithium (0.05-1) 5-((5-((5-chloro-6-fluoro-pyrimidin-4-yl)amino)-2-sulfonatophenyl)azo)-1,2-dihydro-6-hydroxy-1,4-dimethyl-2-oxo-3-pyridinemethylsulfonate  |
| 413-480-5 | 93-04-0588                             | FAT 92'374  | Xn; R 22<br>R 43<br>N; R 50-53                  | 5-bromo-8-naphtholactam   |
| 413-500-2 | 01-11-0175<br>93-04-0619               | HOSTACOR 4205 CONC.<br>HOSTACOR V 4205            | Xi; R 38-41<br>N; R 51-53                       | A mixture of: (3-methoxy)propylammonium/[tris-(2-hydroxyethyl)]ammonium 2-(2-(bis(2-hydroxyethyl)amino)ethoxycarbonylmethyl)hexadec-4-enoate;<br>(3-methoxy)propylammonium/[tris-(2-hydroxyethyl)]ammonium 2-(2-(bis(2-hydroxyethyl)amino)ethoxycarbonylmethyl)tetradec-4-enoate;<br>(3-methoxy)propylammonium/[tris-(2-hydroxyethyl)]ammonium 2-(3-methoxypropylcarbamoylmethyl)hexadec-4-enoate;<br>(3-methoxy)propylammonium/[tris-(2-hydroxyethyl)]ammonium 2-(3-methoxypropylcarbamoylmethyl)tetradec-4-enoate |
| 413-510-7 | 93-04-0638                             | LICHTSCHUTZMITTEL 1071                            | R 43<br>Xn; R 48/20/21<br>N; R 51-53            | 4-(2-cyano-3-phenylamino)-acryloyloxy-methyl-cyclohexylmethyl 2-cyano-3-phenylamino)-acrylate   |
| 413-520-1 | 89-04-0164                             | D 27-046  | Xn; R 22-48/22<br>C; R 34<br>R 43<br>N; R 50-53 | tributyltetradecylphosphonium tetrafluoroborate   |
| 413-530-6 | 91-04-0377                             | BOISANOL  | N; R 51-53                                      | A mixture of: 2,6,9-trimethyl-2,5,9-cyclododecatrien-1-ol;<br>6,9-dimethyl-2-methylen-5,9-cyclododecadien-1-ol  |
| 413-550-5 | 92-06-0396                             | H112339   | Xi; R 38-41                                     | octasodium 2-(8-(4-chloro-6-(3-((4-chloro-6-(3,6-disulfonato-2-(1,5-disulfonatophthalen-2-ylazo)-1-hydroxynaphthalen-8-ylamino)-1,3,5-triazin-2-yl)aminomethyl)phenylamino)-1,3,5-triazin-2-ylamino)-3,6-disulfonato-1-hydroxynaphthalen-2-ylazo)naphthalene-1,5-disulfonate  |
| 413-570-4 | 92-06-0407<br>96-01-0445<br>96-05-0266 | M-ALCOHOL<br>M-ALCOOL                             | R 52-53   | (+/-)-2-(2,4-dichlorophenyl)-3-(1H-1,2,4-triazol-1-yl)propan-1-ol   |
| 413-580-9 | 92-04-0444                             | DUPLOSAN-DP-KALIUM                                | Xn; R 22<br>Xi; R 38-41<br>R 43                 | potassium 2-(2,4-dichlorophenoxy)-(R)-propionate  |
| 413-590-3 | 92-04-0493                             | SOLAMINLICHTBLAU VGRL 133                         | Carc.Cat.2; R 45                                | trisodium [4'-(8-acetylamino-3,6-disulfonato-2-naphthylazo)-4''-(6-benzoylamino-3-sulfonato-2-naphthylazo)-biphenyl-1,3',3'',1'''-tetraolato-O,O',O'',O''']copper(II)   |
| 413-600-6 | 92-04-0492                             | WALKBLAU GR 200                                   |   | disodium 5-((4-(4-chloro-3-sulfonatophenyl)azo)-1-naphthyl)azo)-8-(phenylamino)-1-naphthalenesulfonate  |
| 413-610-0 | 92-04-0503                             | LICHTSCHUTZMITTEL 1736                            | R 52-53<br>Xi; R 36                             | N,N'-1,6-hexanediybis(N-(2,2,6,6-tetramethyl-piperidin-4-yl)formamide   |
| 413-620-5 | 92-04-0486                             | N-90  |   |   |
| 413-640-4 | 92-02-0117                             | T-4240 FLUORO-CHEMICAL URETHANE DERIVATIVE        | *   |   |

| EC Number | Registration Number                                  | Trade Name   | Classification                            | Name in the IUPAC Nomenclature  |
|-----------|--|--|---|---|
| 413-650-9 | 92-02-0116   | CYANINE BLEUE NO. 150  | R 52-53                                   | phthalocyanine-N-[3-(diethylamino)propyl]sulfonamide copper complex   |
| 413-660-3 | 92-03-0204   | CARDURA E5   | *   |   |
| 413-670-8 | 92-03-0205   | DABCO X-412  | *   |   |
| 413-680-2 | 92-03-0207   | AF-394   | *   |   |
| 413-690-7 | 92-03-0208   | XC96-A0575   | *   |   |
| 413-710-4 | 92-03-0209   | RB105  | *   |   |
| 413-720-9 | 92-03-0210   | KARANAL  | *   |   |
| 413-740-8 | 92-05-0175<br>92-07-0036<br>95-04-0716               | CHIPK<br>CYCLOHEXANONDIISOPROPYLKETAL<br>CYCLOHEXYL KETAL REAGENT<br>DIISOPROPOXY CYCLOHEXYL KETAL<br>KETAL REAGENT, DCK | *   |   |
| 413-750-2 | 92-05-0170<br>99-04-1182                             | ANOX BF  |   |   |
| 413-760-7 | 92-07-0041<br>96-04-0865                             | CHINOLONCARBONSÄURE 93-073<br>CP-70,335  | Repr.Cat.3; R 62<br>R 52-53               | 1-cyclopropyl-6,7-difluoro-1,4-dihydro-4-oxoquinoline-3-carboxylic acid   |
| 413-770-1 | 92-11-0056   | INDULIN MQK-1M   | Xn; R 22<br>C; R 34<br>R 43<br>N; R 50-53 | Condensation product of: 3-(7-carboxyhept-1-yl)-6-hexyl-4-cyclohexene-1,2-dicarboxylic acid with polyamines (primarily aminoethylpiperazine and triethylenetetramine) |
| 413-780-6 | 92-01-0223   | CHIMEXANE NS   | R 52-53                                   | A mixture of: dodecyloxy-1-methyl-1-[oxy-poly-(2-hydroxymethylethanoxy)]pentadecane; dodecyloxy-1-methyl-1-[oxy-poly-(2-hydroxymethylethanoxy)]heptadecane            |
| 413-790-0 | 92-05-0187   | CG 26-744  | *   |   |
| 413-800-3 | 92-01-0209   | STEPAN TAB -2  | R 53                                      | A mixture of: N,N-di(hydrogenated alkyl C14-C18)phthalamic acid; dihydrogenated alkyl (C14-C18)amine  |
| 413-810-8 | 92-03-0181<br>95-04-0777<br>95-04-0778<br>97-06-0935 | OP-262<br>ST 16-1.1<br>ST 16-1.2<br>SUBSTANCE S123104  | N; R 51-53                                | N,N'-diphenyl-N,N'-bis(3-methylphenyl)-(1,1'-diphenyl)-4,4'-diamine   |
| 413-820-2 | 92-01-0211   | SX-1162  | *   | N,N'-bis(2-methyl-2-nitropropyl)hexamethylenediamine  |
| 413-830-7 | 92-06-0394   | 2,2,2-TRIFLUOROETHYL DIFLUOROMETHYL ETHER<br>C229  |   | 2-(Difluoromethoxy)-1,1,1-trifluoroethane   |
| 413-840-1 | 92-02-0106   | PS-6 SENSITIZER  | *   |   |
| 413-850-6 | 92-04-0484   | SUMILIZER GS   | R 53                                      | 2-(1-(2-hydroxy-3,5-di-tert-pentyl-phenyl)ethyl)-4,6-di-tert-pentylphenyl acrylate  |
| 413-860-0 | 92-06-0416<br>95-14-0007                             | ACETONYLBERNSTEINSÄUREESTER<br>ASE   |   | diethyl 4-oxopentane-1,2-dicarboxylate  |
| 413-870-5 | 92-01-0215<br>98-06-1167                             | VE-LINOLEATE<br>VITAMIN E LINOLEATE MIXTURE  |   |   |
| 413-890-4 | 91-02-0088   | CITROFLEX B-6<br>MORFLEX B-6   | *   |   |

| EC Number | Registration Number  | Trade Name   | Classification                           | Name in the IUPAC Nomenclature   |
|-----------|--|--|--|--|
| 413-900-7 | 93-04-0579<br>93-01-0292<br>93-04-0592<br>93-04-0640<br>94-03-0295<br>94-06-0610<br>95-04-0758<br>95-12-0112<br>96-04-0853<br>96-06-0882<br>96-13-0021<br>96-15-0065 | EPIKOTE YX4000<br>EPIKOTE YX4000H<br>YX-4000   | Muta.Cat.3; R 68                         | 2,2'-((3,3',5,5'-tetramethyl-(1,1'-biphenyl)-4,4'-diyl)-bis(oxymethylene))-bis-oxirane |
| 413-910-1 | 93-04-0614   | LUPEROX 610-E-35<br>LUPEROX 610-E-50<br>LUPEROX 610-EN-50<br>LUPEROX 610-M-50<br>LUPERSOL 610<br>LUPERSOL 610-M-50 | O; R 7<br>R 10<br>Xi; R 38<br>N; R 50-53 | 3-hydroxy-1,1-dimethylbutyl 2-ethyl-2-methylheptaneperoxoate                           |
| 413-920-6 | 93-04-0634   | IRGAZIN DPP ROT 4013A<br>IRGAZIN DPP RUBINE TR   |  |  |
| 413-930-0 | 94-06-0568   | VECTOMER E2200   | R 43<br>N; R 50-53                       | bis[4-(ethenyloxy)butyl]-1,3-benzenedicarboxylate                                      |
| 413-940-5 | 94-06-0575   | A-93536.0  |  |  |
| 413-960-4 | 94-06-0580   | SCHERCEMOL 145   | *  |  |
| 413-970-9 | 94-05-0241   | FAT 45'165<br>REACTIVE SCARLET RUE 56  |  |  |
| 413-980-3 | 92-01-0225   | SANDOFIL ANCHOR DWL  | *  | 6-chloro-N,N'-bis(2,2,6,6-tetramethyl-4-piperidyl)-1,3,5-triazine-2,4-diamine          |
| 413-990-8 | 94-05-0243   | REACTIVE ORANGE TZ 3931  | *  |  |
| 414-000-7 | 94-03-0271<br>01-06-1454   | CGC-CO CATALYST<br>TPB   | *  |  |
| 414-010-1 | 94-03-0272   | CGC-1 CATALYST   | *  |  |
| 414-020-6 | 93-04-0642   | STABIOL VP 1711  |  |  |
| 414-030-0 | 93-04-0605   | AZA-KRONE-TETRATOSYLAT   | *  |  |
| 414-040-5 | 93-04-0648   | REACTIVE BLUE FC 60866   | *  |  |
| 414-070-9 | 93-04-0577   | TRILON(R) ES 9851  | *  |  |
| 414-080-3 | 93-04-0646   | MAT 9460   | Xn; R 22<br>N; R 50-53                   | methyl [2-(1,1-dimethylethyl)-6-methoxypyrimidin-4-yl]ethylphosphonothioate            |
| 414-090-8 | 93-04-0549   | MIPPO-2  |  |  |
| 414-100-0 | 93-04-0611   | SUMIFIX BRILLIANTBLAU GL KONZENTRAT  | *  |  |
| 414-110-5 | 93-04-0630   | ORASOL BLAU 761B   | *  |  |
| 414-130-4 | 93-04-0639   | TRILON(R) ES 9910  | *  |  |



| EC Number | Registration Number      | Trade Name  | Classification   | Name in the IUPAC Nomenclature  |
|-----------|--------------------------|---|--|---|
| 414-150-3 | 93-11-0100               | BROWN JR 543  | R 43<br>N; R 51-53   | A mixture of isomers of iron (1:2) complexes of a mixture of: isomers of: 1,3-dihydroxy-4-[(5-phenylaminosulfonyl)-2-hydroxyphenylazo]-n-(5-amino-sulfonyl-2-hydroxyphenylazo)benzene (n=2,5,6);<br>isomers of: 1,3-dihydroxy-4-[(5-phenylaminosulfonyl)-2-hydroxyphenylazo]-n-[4-(4-nitro-2-sulfophenylamino)phenylazo]benzene (n=2,5,6) |
| 414-160-8 | 94-06-0577               | A-98333   |  |   |
| 414-170-2 | 93-06-0561               | 351 HKF   | *  |   |
| 414-180-7 | 93-06-0562               | UTMS  | *  |   |
| 414-190-1 | 94-06-0563               | C.I. DIRECT BLUE 307<br>H112793<br>PRO-JET FAST CYAN 2 COLOUR     | *  |   |
| 414-200-4 | 94-06-0565<br>97-14-0019 | PANTERA<br>QUIZALOFOP-P-TEFURYL                                   | Muta.Cat.3; R 68<br>Repr.Cat.2; R 61<br>Repr.Cat.3; R 62<br>Xn; R 22-48/22<br>N; R 50-53 | (+/-) tetrahydrofurfuryl (R)-2-[4-(6-chloroquinoxalin-2-yloxy)phenoxy]propionate  |
| 414-210-9 | 94-06-0570               | ZK 145720   | *  | ethyl (2-acetylamino-5-fluoro-4-isothiocyanatophenoxy)acetate   |
| 414-220-3 | 93-04-0598               | PYRIMETHANIL<br>SN 100309<br>ZK 100309                            | *  | 2-anilino-4,6-dimethylpyrimidine  |
| 414-230-8 | 93-04-0610               | PRODUKT 1096  | *  |   |
| 414-240-2 | 93-04-0644               | CDM   | *  | dimethylcyclopropane-1,1-dicarboxylate  |
| 414-250-7 | 93-04-0649               | ACID RED FC 70013   | *  |   |
| 414-260-1 | 93-04-0653               | DISPERSE YELLOW FC 60954  | *  |   |
| 414-270-6 | 93-04-0641               | RO 1173   | *  |   |
| 414-280-0 | 93-04-0647               | ACID YELLOW FC 53654  | *  |   |
| 414-290-5 | 93-04-0650               | ACID BLUE FC 77890  | *  |   |
| 414-300-8 | 94-01-0303               | REACTIVE YELLOW AE 3800   |  |   |
| 414-310-2 | 94-13-0012<br>95-04-0781 | QAVR  |  |   |
| 414-320-7 | 94-13-0016               | KROMO-II  |  |   |
| 414-330-1 | 94-06-0567               | GOLD MERCAPTOPROPIONYL GLYCINE<br>TRIETHYLAMINE ADDUCT            | *  | triethylammonium [N-((2-mercapto-1-oxopropyl)glycinate(2-))O,S]gold(1-)   |
| 414-340-6 | 94-06-0569               | ORGANOFUNCTIONAL SILANE A-1128 (STRIPPED)                         | *  |   |
| 414-350-0 | 94-06-0571               | UCAR POLYPHOBE THICKENER (STRIPPED)                               |  |   |
| 414-360-5 | 94-06-0593               | SUNA  |  |   |
| 414-380-4 | 94-06-0582               | SELECTFLUOR(TM) FLUORINATING REAGENT                              | *  |   |
| 414-390-9 | 94-06-0583               | JM2363  |  |   |
| 414-400-1 | 94-06-0572               | Z-17  | *  |   |
| 414-410-6 | 94-06-0573               | C.I. DIRECT YELLOW 173<br>H113664<br>PRO-JET FAST YELLOW 2 COLOUR | *  |   |
| 414-420-0 | 95-15-0003<br>94-06-0576 | SPE 93279   | *  |   |

| EC Number | Registration Number                    | Trade Name   | Classification | Name in the IUPAC Nomenclature  |
|-----------|--|--|----------------|---|
| 414-430-5 | 94-06-0578                             | Z-12   |                | borated lecithin  |
| 414-450-4 | 94-06-0581                             | CA 875 B   | *              |   |
| 414-460-9 | 94-02-0132<br>96-02-0170               | MNDA   | *              |   |
| 414-470-3 | 94-02-0140<br>96-04-0833               | NEFAZODONE II<br>TRIAZOLON                               | *              |   |
| 414-480-8 | 94-02-0143                             | COAGULANT 110C<br>HTP-2                                  | *              |   |
| 414-490-2 | 94-06-0588<br>97-05-0296               | A-87439.1  | *              |   |
| 414-500-5 | 94-06-0587<br>95-04-0782<br>96-14-0008 | A-98825.0  | *              |   |
| 414-520-4 | 94-06-0584                             | Z-19   | *              |   |
| 414-530-9 | 94-06-0594                             | PYRIDINE ORANGE  | *              |   |
| 414-540-3 | 94-06-0601                             | PONGAMIA EXTRACT   | *              | 1-(4-methoxy-5-benzofuranyl)-3-phenyl-1,3-propanedione  |
| 414-550-8 | 94-06-0574                             | Z-11   | *              |   |
| 414-560-2 | 94-06-0586                             | MORPHOLINE ADDUCT  |                |   |
| 414-570-7 | 94-06-0595<br>94-06-0624               | SUBSTANCE S44176   | *              |   |
| 414-580-1 | 93-01-0295                             | SPP-H-13   |                | Copolymer of vinyl-alcohol and vinyl acetate partially acetylated with 4-(2-(4-formylphenyl)ethenyl)-1-methylpyridinium methylsulfate |
| 414-590-6 | 93-01-0296                             | SPP-LS-400   | *              | Copolymer of vinyl-alcohol and vinyl acetate partially acetylated with 4-(2-(4-formylphenyl)ethenyl)-1-methylpyridinium methylsulfate |
| 414-600-9 | 94-01-0301<br>98-05-0326<br>99-01-0573 | CZ-AMIDE<br>PTH-TETRAHYDROAMIDE<br>TETRAHYDROAMIDE (THA) | *              |   |
| 414-610-3 | 94-01-0304<br>97-06-0957               | LEXMARK RED DYE 93 A                                     |                |   |
| 414-620-8 | 94-01-0306                             | RED MDO 358  | *              |   |
| 414-630-2 | 94-01-0305                             | FAT 45'164<br>ROUGE RÉACTIF RUE 55                       | *              |   |
| 414-640-7 | 94-06-0592                             | FC 4001 STAGE 1<br>SUBSTANCE S121208                     | *              |   |
| 414-650-1 | 94-06-0607                             | CX1036   |                |   |
| 414-660-6 | 94-06-0598                             | ZEONEX (R)   |                |   |
| 414-670-0 | 94-06-0599                             | AMINO CATION S-36  | *              | 2-hydroxy-3-[(2-hydroxyethyl)-[2-(1-oxotetradecyl)amino]ethyl]amino]-N,N,N-trimethyl-1-propanammonium chloride                        |
| 414-680-5 | 94-06-0605                             | BGS93  | *              |   |
| 414-700-2 | 94-06-0606<br>98-02-0232               | CAT<br>COMPLEXE TRIFLUORURE DE BORE-ETHANOL              | *              |   |
| 414-710-7 | 94-06-0608<br>94-06-0627               | SB-211344  |                | diethyl 2-[2-bromoethyl]-2-ethoxycarbonylmalonate   |
| 414-720-1 | 94-06-0579                             | Z-21   | *              |   |

| EC Number | Registration Number  | Trade Name                                      | Classification   | Name in the IUPAC Nomenclature  |
|-----------|--|---|--|---|
| 414-740-0 | 94-06-0604<br>94-01-0321<br>94-03-0289<br>94-04-0663               | HSB-2115  | *  |   |
| 414-750-5 | 94-06-0609<br>94-06-0646<br>94-11-0112                             | A-87861.0                                       |  |   |
| 414-770-4 | 94-06-0614   | T-69  | *  |   |
| 414-780-9 | 94-06-0589<br>94-01-0326   | A-87440.0<br>A-87440.00                         | *  |   |
| 414-790-3 | 94-06-0612<br>99-06-1288   | BUTROXYDIM<br>ICIA0500                          | *  |   |
| 414-800-6 | 94-06-0590   | A-87463.0                                       | *  |   |
| 414-810-0 | 94-06-0591<br>95-05-0253   | A-88820.605                                     | *  |   |
| 414-820-5 | 94-04-0662<br>94-01-0323<br>94-03-0288<br>94-06-0603<br>95-06-0737 | HSB-2207  | *  |   |
| 414-840-4 | 94-01-0302<br>00-04-1258<br>96-05-0273                             | VP SANDUVOR PR-31                               | *  |   |
| 414-850-9 | 94-03-0279   | HNF<br>HYDRAZINIUM NITROFORMATE                 | E; R 3<br>O; R 8<br>Carc.Cat.2; R 45<br>T; R 23/25<br>R 43 | hydrazine-tri-nitromethane  |
| 414-860-3 | 94-01-0310   | MEXANYL GW                                      |  |   |
| 414-870-8 | 94-01-0314   | VITALIDE  | *  |   |
| 414-880-2 | 94-01-0315   | SPP-US-130                                      |  | Copolymer of vinyl-alcohol and vinyl acetate partially acetylated with 4-(2-(4-formylphenyl)ethenyl)-1-methylpyridinium methylsulfate |
| 414-890-7 | 94-06-0615   | VIKOFLEX 9080                                   | *  |   |
| 414-910-4 | 94-06-0619   | PROCION ROYAL H-EXL COLOUR<br>SUBSTANCE S158637 | *  |   |
| 414-920-9 | 94-06-0620<br>97-11-0147   | K002  | *  |   |
| 414-930-3 | 94-06-0611   | TURQUOISE HM 3497                               | *  |   |
| 414-940-8 | 94-06-0616<br>94-06-0617   | CA 944 A  | *  |   |
| 414-960-7 | 94-13-0018<br>94-03-0281<br>96-03-0326                             | PLR-22<br>XC95-A0638                            | Xn; R 20   | bis(1,1-dimethyl-2-propynyl)dimethylsilane  |
| 414-980-6 | 94-06-0622   | KY-WPH  | *  |   |

| EC Number | Registration Number                                  | Trade Name  | Classification                                | Name in the IUPAC Nomenclature  |
|-----------|--|---|---|---|
| 414-990-0 | 94-06-0623<br>97-06-0985                             | CC14837<br>SKF 106224   | *   | 3-oxoandrost-4-ene-17 -carboxylic acid  |
| 415-010-4 | 94-06-0625   | ZEONET PB   | *   |   |
| 415-020-9 | 94-06-0626<br>94-01-0318<br>94-03-0285<br>94-04-0685 | HSR-2243  | *   |   |
| 415-030-3 | 94-07-0057   | TRUSOPT INTERMEDIATE, L-686,771   | *   | (S,S)-(trans)-4-(acetylamino)-5,6-dihydro-6-methyl-7,7-dioxo-4H-thieno[2,3-b]thiopyran-2-sulfonamide  |
| 415-040-8 | 93-03-0245   | POWDERLINK (R) MTSI   | *   |   |
| 415-050-2 | 94-03-0278   | PAA HCL<br>PAA HCL 10L<br>PAA HCL 10S<br>PAA HCL 3L<br>PAA HCL 3S<br>PAA HCL H<br>PAA HCL L | *   |   |
| 415-060-7 | 95-15-0004<br>94-13-0019                             | DS 100  | *   |   |
| 415-070-1 | 94-11-0109   | NAVY JB 609   | *   |   |
| 415-080-6 | 94-07-0058   | BRL 56540   |   | A mixture of: (+/-)-trans-3-ethoxycarbonyl-4-(4'-fluorophenyl)-N-methylpiperidine-2,6-dione;<br>(+/-)-trans-3-methoxycarbonyl-4-(4'-fluorophenyl)-N-methylpiperidine-2,6-dione  |
| 415-090-0 | 94-01-0312   | AOTP  | *   | 2,2,6,6-tetramethyl-4-piperidyl acrylate  |
| 415-100-3 | 94-01-0313   | JAUNE REACTIF MUB 151   | *   |   |
| 415-110-8 | 94-06-0633<br>96-04-0849                             | R-THP   | *   |   |
| 415-120-2 | 94-06-0628<br>97-06-0989                             | JPR BLUE 100  |   |   |
| 415-130-7 | 94-06-0629   | LAMBDA-CYHALOTHRIN  | T+; R 26<br>T; R 25<br>Xn; R 21<br>N; R 50-53 | A mixture of: -cyano-3-phenoxybenzyl (Z)-(1R,3R)-[(S)-3-(2-chloro-3,3,3-trifluoro-prop-1-enyl)]-2,2-dimethylcyclopropanecarboxylate;<br>-cyano-3-phenoxybenzyl (Z)-(1S,3S)-[(R)-3-(2-chloro-3,3,3-trifluoro-prop-1-enyl)]-2,2-dimethylcyclopropanecarboxylate |
| 415-140-1 | 94-03-0282<br>96-04-0862                             | BUCA  | *   |   |
| 415-150-6 | 94-01-0311   | LONZACURE M-MIPA  | *   |   |
| 415-160-0 | 94-06-0640   | CYAGARD RF 1204 (FLAME RETARDANT)   |   | 1,4-diisobutyl-2,3,5,6-tetrahydroxy-1,4-dioxo-1,4-diphosphorinane   |
| 415-170-5 | 94-07-0061<br>94-06-0635<br>94-06-0636               | PAYLEAN<br>RACTOPAMINE HYDROCHLORIDE  | *   | (+/-)-4-[2-[3-(4-hydroxyphenyl)-1-methylpropyl]amino]-1-hydroxyethyl-phenol hydrochloride   |
| 415-180-1 | 94-06-0637   | ICI204636 HYDROGEN FUMARATE   | *   |   |
| 415-190-4 | 94-06-0638   | MS6119  | *   |   |
| 415-200-7 | 94-06-0641   | SB-217063   | *   |   |
| 415-210-1 | 94-06-0642   | MCP-304   | *   |   |

| EC Number | Registration Number      | Trade Name  | Classification   | Name in the IUPAC Nomenclature   |
|-----------|--------------------------|---|------------------|--|
| 415-220-6 | 93-04-0657<br>98-04-1065 | PARMANYL  | *                | 3-(cis-3-hexenyloxy)propanenitril  |
| 415-230-0 | 94-05-0246               | HYAFF 7   |                  |  |
| 415-240-5 | 94-05-0248               | HYAFF 11P75   |                  |  |
| 415-250-1 | 94-05-0247               | HYAFF 11  |                  |  |
| 415-270-9 | 94-06-0643               | PBNS  | *                |  |
| 415-280-3 | 94-06-0644               | AMBU  | *                |  |
| 415-290-8 | 94-07-0060               | ACRYLOXYPROPYL DIMETHOXYSILOXY TERMINATED POLYDIMETHYL SILOXANE                 | *                |  |
| 415-300-0 | 93-02-0129               | FLUORAD BRAND LITHIUM TRIFLUOROMETHANESULPHONIMIDE HQ-115                       | *                |  |
| 415-310-5 | 94-02-0146               | CREMEROL HMG  | *                |  |
| 415-320-1 | 94-02-0148               | F408  |                  |  |
| 415-330-4 | 94-02-0150               | T-5658 CURATIVE   | *                |  |
| 415-350-3 | 92-04-0525               | COLUMBIADUNKELBLAU R  | *                | A mixture of: pentasodium 7-amino-3-[[4-[[[4-[[[4-[(6-amino-1-hydroxy-3-sulfonato-2-naphthyl)azo]7-sulfonato-1-naphthyl]azo]phenyl]amino]-3-sulfonatophenyl]azo]6-sulfonato-1-naphthyl]azo]-4-hydroxynaphthalen-2-sulfonate;<br>a mixture of: pentasodium 7-amino-8-[4-[4-[4-(2-amino-5-hydroxy-7-sulfonato-naphthalen-1-ylazo)-7-sulfonatophthalen-1-ylazo]-phenylamino]-3-sulfonato-phenylazo]-6-sulfonato-naphthalen-1-ylazo]-4-hydroxy-naphthalene-2-sulfonate and pentasodium 7-amino-8-[4-[4-[4-(6-amino-1-hydroxy-3-sulfonato-naphthalen-1-ylazo)-7-sulfonatophthalen-1-ylazo]-phenylamino]-3-sulfonato-phenylazo]-6-sulfonato-naphthalen-1-ylazo]-4-hydroxy-naphthalene-2-sulfonate;<br>tetrasodium 7-amino-4-hydroxy-3-[4-[4-[4-(4-hydroxy-7-sulfonato-naphthalen-1-ylazo)-2-sulfonato-phenylamino]phenylazo]-6-sulfonato-naphthalen-1-ylazo]naphthalene-2-sulfonate; tetrasodium 7-amino-4-hydroxy-3-[4-[4-[4-(4-amino-7-sulfonato-naphthalen-1-ylazo)-2-sulfonato-phenylamino]phenylazo]-6-sulfonato-naphthalen-1-ylazo]naphthalene-2-sulfonate |
| 415-360-8 | 94-06-0645<br>95-04-0773 | 123U83<br>DDFU  | Muta.Cat.3; R 68 | 5-(2,4-dioxo-1,2,3,4-tetrahydropyrimidine)-3- fluoro-2-hydroxymethyltetrahydrofuran  |
| 415-370-2 | 94-06-0647               | ELDEW CL-301  | *                | A mixture of: 1) a mixture of: a) dicholest-5-en-3- -yl N-lauroylglutamate; b) 1-(cholest-5-en-3- -yl)-5-(2-octylododecyl) N-lauroylglutamate; c) 5-(cholest-5-en-3- -yl)-1-(2-octylododecyl) N-lauroylglutamate; d) 1-(cholest-5-en-3- -yl) 5-docosanyl N-lauroylglutamate; e) 5-(cholest-5-en-3- -yl) 1-docosanyl N-lauroylglutamate;<br>2) a mixture of: a) bis(2-octylododecyl) N-lauroylglutamate; b) didocosanyl N-lauroylglutamate; c) 1-docosanyl 5-(2-octylododecyl) N-lauroylglutamate; d) 5-docosanyl 1-(2-octylododecyl) N-lauroylglutamate  |
| 415-380-7 | 94-06-0648<br>98-11-0155 | EXCEPARL HD-PB  | *                |  |
| 415-390-1 | 94-06-0649               | FRUCTOPYRIDINE  | *                |  |
| 415-400-4 | 94-06-0650               | AZO MONOCHLOROTRIAZINYL REACTIVE DYE PROCION RED PX-6B COLOUR SUBSTANCE S161057 | *                |  |
| 415-410-9 | 94-05-0245               | ESACURE L 244   |                  | 4,4'-bis(2-methyl-2-(4-methylphenyl)-1-propionyl)diphenylsulfide   |
| 415-420-3 | 94-05-0251               | REACTIVE BLACK 2506-MS  |                  |  |

| EC Number | Registration Number                    | Trade Name   | Classification                             | Name in the IUPAC Nomenclature  |
|-----------|--|--|--|---|
| 415-430-8 | 92-04-0482<br>00-04-1255<br>99-01-0581 | CYASORB+UV-3853 LIGHT STABILIZER<br>DASTIB 845<br>SANDUVOR 845 | *  | A mixture of: 2,2,6,6-tetramethylpiperidin-4-yl-hexadecanoate;<br>2,2,6,6-tetramethylpiperidin-4-yl-octadecanoate |
| 415-440-2 | 93-04-0656                             | DELOXAN DAP III  |  |   |
| 415-450-7 | 94-04-0659                             | ETHYLENDIOXYTHIOPHEN   | *  |   |
| 415-460-1 | 94-04-0660                             | YSAMBER-K  | *  | spiro[1,3-dioxolane-2,5'-(4',4',8',8'-tetramethyl-hexahydro-3',9'-methanonaphthalene)]                            |
| 415-470-6 | 94-01-0309                             | CHLORHYDRATE DE CARCININE                                      |  | (imidazol-5-yl)ethyl-3-aminopropionamide dihydrochloride  |
| 415-480-0 | 94-01-0324                             | IMEXINE FAD  | *  |   |
| 415-490-5 | 94-06-0652                             | HELVETOLIDE  | *  |   |
| 415-500-8 | 94-06-0655                             | D-8526   | *  |   |
| 415-510-2 | 94-05-0244                             | RED GS 3848  |  |   |
| 415-520-7 | 94-01-0308<br>00-06-1334               | DPAP   | *  |   |
| 415-530-1 | 94-01-0328                             | BLEU REACTIF TZ 3926   |  |   |
| 415-540-6 | 94-01-0320                             | SEL D'ACIDE SULFONIQUE   | *  |   |
| 415-550-0 | 94-01-0329                             | BRL 44742  | *  |   |
| 415-560-5 | 94-06-0654                             | ASTROLIDE  | *  |   |
| 415-570-1 | 94-06-0656                             | ARTEMONE   |  |   |
| 415-580-4 | 94-06-0657                             | CA 946 A   | *  |   |
| 415-590-9 | 94-05-0252                             | 1187   | *  | N-(4-amino-2-hydroxyphenyl)-N'-(3-chloro-4-cyanophenyl)urea   |
| 415-600-1 | 94-04-0658                             | VULKANOX D-4020  | *  |   |
| 415-610-6 | 94-04-0664                             | ROMILAT  | *  |   |
| 415-620-0 | 94-04-0666                             | ETANAL   | *  |   |
| 415-630-5 | 94-04-0682                             | ESERINETHER  |  | 5-ethoxy-1,3-dimethyl-1,3-dihydroindol-2-one  |
| 415-640-1 | 94-04-0697<br>96-04-0900               | METHYLSECODION   | *  |   |
| 415-650-4 | 95-06-0659                             | RB68   | *  |   |
| 415-660-9 | 95-06-0660<br>96-06-0856               | DOXAZOSIN 4<br>DOXAZOSIN STEP 4                                | T; R 23/24/25<br>Xn; R 48/22<br>N; R 51-53 | 1-(1,4-benzodioxan-2-ylcarbonyl)piperazine hydrochloride  |
| 415-670-3 | 95-06-0661                             | GR138766X  | *  |   |
| 415-680-8 | 95-06-0663                             | SB-201999  | *  |   |
| 415-690-2 | 93-05-0198                             | BTMSPU   |  |   |
| 415-700-5 | 95-06-0662                             | POTASSIUM 2,5-DICHLOROBENZOATE                                 | *  | potassium 2,5-dichlorobenzoate  |
| 415-710-1 | 95-06-0664                             | POTASSIUM N-(4-FLUOROPHENYL)GLYCINATE                          | *  | potassium N-(4-fluorophenyl)glycinate   |
| 415-720-4 | 95-06-0669<br>97-04-0994               | NK-280   |  |   |
| 415-730-9 | 95-06-0667                             | SB 206396  | *  |   |
| 415-740-3 | 95-06-0670                             | NJ-300   | *  |   |
| 415-750-8 | 93-05-0225<br>95-14-0005               | 7-PACA   | *  |   |
| 415-760-2 | 95-05-0254                             | REACTIVE SCARLET TZ 3949                                       |  |   |
| 415-770-7 | 94-01-0319                             | C25-ALDEHYD  | *  |   |

| EC Number | Registration Number                                  | Trade Name                           | Classification | Name in the IUPAC Nomenclature   |
|-----------|--|--------------------------------------|----------------|--|
| 415-780-1 | 94-01-0317<br>95-02-0158                             | CB 619                               |                | zinc cysteate dihydrate  |
| 415-790-6 | 94-01-0327   | TPS 15                               |                |  |
| 415-800-9 | 94-01-0335   | 106 VERTE                            |                | A mixture of isomers of: dodecylammonium (octachloro)(sulfonato)phtalocyaninatocuprate(II)   |
| 415-810-3 | 94-01-0336   | SAVINYL ROUGE E-3BS                  |                |  |
| 415-820-8 | 95-07-0062<br>95-07-0077                             | SQ 28,796                            | *              |  |
| 415-830-2 | 95-07-0063   | F-BASE                               | *              |  |
| 415-840-7 | 95-06-0665   | LOVASTATIN FREE ACID                 | *              |  |
| 415-850-1 | 95-06-0673   | DITHIODISUCCINIC ACID                |                |  |
| 415-860-6 | 95-06-0674   | VANLUBE 9317                         | *              |  |
| 415-870-0 | 94-06-0658   | P2-800<br>P2-935LV                   | *              |  |
| 415-880-5 | 95-06-0668   | Z-22                                 | *              |  |
| 415-890-1 | 95-06-0676<br>97-06-0953                             | QUANTACURE CPTX                      | *              | 1-chloro-4-(n-propoxy)-5-thioxanthen-10-one  |
| 415-900-2 | 95-06-0678<br>01-06-1475                             | PRO-JET 860 NP<br>SUBSTANCE S159521  | *              |  |
| 415-910-7 | 95-06-0681<br>95-01-0365<br>95-06-0769               | FC-102B<br>FC102-B<br>M-3218         | *              |  |
| 415-920-1 | 94-02-0151   | L-12416                              | *              |  |
| 415-930-6 | 94-01-0316   | SP 7053                              | *              | A mixture of: Ca salicylates (branched C10-14 and C18-30 alkylated);<br>Ca phenates (branched C10-14 and C18-30 alkylated);<br>Ca sulfurized phenates (branched C10-14 and C18-30 alkylated) |
| 415-940-0 | 94-01-0338   | ROUGE REACTIF DER 7650               |                |  |
| 415-950-5 | 94-01-0343   | ROUGE REACTIF POUR LAINE DER 7520    | *              |  |
| 415-960-1 | 94-01-0341   | 70247<br>DPX 70247                   | *              |  |
| 415-970-4 | 95-07-0064<br>96-01-0400                             | GABAPENTINE ETHYL ESTER<br>PD 137016 | *              |  |
| 415-980-9 | 95-01-0344   | TRIAZINE B<br>TRIAZINE N             | *              |  |
| 415-990-3 | 94-01-0342   | FLORASANTOL                          | *              |  |
| 416-000-2 | 94-02-0153   | FPC-160                              | *              |  |
| 416-010-7 | 95-02-0156   | FPC-159                              | *              |  |
| 416-020-1 | 95-07-0065<br>01-05-0398<br>95-07-0070<br>96-07-0086 | SQ 27,616                            | *              |  |
| 416-040-0 | 95-07-0067<br>95-07-0073<br>96-04-0867<br>96-07-0092 | MEPRO<br>SQ 32,034<br>SQ 32034       | *              |  |

| EC Number | Registration Number  | Trade Name                          | Classification | Name in the IUPAC Nomenclature |
|-----------|--|-------------------------------------|----------------|--------------------------------|
| 416-050-5 | 95-07-0066<br>00-07-0197<br>01-05-0397<br>95-07-0072<br>96-07-0085 | SQ 28,355<br>SQ 28355               | *              |                                |
| 416-060-1 | 94-04-0670   | APTBH                               | *              |                                |
| 416-070-4 | 94-04-0684   | GERANYLLINALOOL                     | *              |                                |
| 416-080-9 | 94-04-0686   | PERGASCRIP ORANGE I-G               |                |                                |
| 416-100-6 | 95-14-0003   | ARYPHAN 15<br>ISARYL 15             |                |                                |
| 416-110-0 | 94-04-0661   | CHEMINOX LN-100                     | *              |                                |
| 416-120-5 | 94-04-0678   | PHYTOL                              | *              |                                |
| 416-130-1 | 94-04-0679   | DMPQA                               | *              |                                |
| 416-140-4 | 94-04-0680   | IRGAFOS 38                          | *              |                                |
| 416-150-9 | 95-06-0675   | SB-210272                           | *              |                                |
| 416-160-3 | 95-06-0677   | ID-11                               |                |                                |
| 416-170-8 | 95-06-0680   | PRO-JET 830 NP<br>SUBSTANCE S162992 | *              |                                |
| 416-180-2 | 94-04-0668<br>97-07-0117   | DIRECT BLUE 199                     | *              |                                |
| 416-210-4 | 95-07-0068<br>97-11-0142   | BORNAFIX                            | *              |                                |
| 416-220-9 | 95-07-0069<br>01-07-0209<br>95-07-0074<br>98-06-1161<br>98-07-0160 | BRL 47825                           | *              |                                |
| 416-230-3 | 95-06-0695   | BENZOFLEX 352                       | *              |                                |
| 416-240-8 | 95-06-0672   | DISPERSE RED CLA 282                | *              |                                |
| 416-250-2 | 94-04-0681   | IRGAZIN DPP ORANGE 16A              |                |                                |
| 416-260-7 | 95-06-0679   | HD-137                              | *              |                                |
| 416-270-1 | 95-06-0689   | YELLOW ULK 1438                     |                |                                |
| 416-280-6 | 95-06-0690   | RED ULK 1324                        | *              |                                |
| 416-290-0 | 95-06-0692   | PM 14978                            |                |                                |
| 416-300-3 | 95-06-0693   | PM14943                             |                |                                |
| 416-320-2 | 94-01-0330   | IMEXINE OAX                         | *              |                                |
| 416-330-7 | 94-03-0297   | AF-142                              |                |                                |
| 416-350-6 | 95-01-0346   | NITRO-XYLIDINE                      | *              |                                |
| 416-360-0 | 95-01-0353   | PTH-NISYLAT                         | *              |                                |
| 416-370-5 | 95-01-0355   | ORANGE JOG 365                      | *              |                                |
| 416-380-1 | 95-06-0686   | LC-2                                | *              |                                |
| 416-390-4 | 95-06-0697   | EBONEX POWDER                       |                |                                |
| 416-400-7 | 94-03-0296   | UC-704                              | *              |                                |
| 416-410-1 | 94-01-0331   | IMEXINE FAB                         | *              |                                |



| EC Number | Registration Number  | Trade Name  | Classification | Name in the IUPAC Nomenclature   |
|-----------|--|---|----------------|--|
| 416-420-6 | 94-01-0333   | IMEXINE AA  | *              |  |
| 416-430-0 | 95-01-0347   | DICHLORO-2,6 P.T.F.M.A.   | *              | 2,6-dichloro-4-trifluoromethylaniline                                    |
| 416-440-5 | 95-01-0349<br>95-04-0756<br>95-04-0787   | B8510-020<br>CHLORMETHYLPYRIDIN<br>CHLORMETHYLPYRIDINE<br>CHLOROMETHYLPYRIDINE  | *              |  |
| 416-450-1 | 95-01-0348   | BPF   | *              |  |
| 416-460-4 | 95-01-0356   | CHLORHYDRATE DE PROLYL-HISTAMINE  |                | N-[2-(imidazol-2-yl)ethyl]-(S)-pyrrolidine-2-carboxamide dihydrochloride |
| 416-470-9 | 95-06-0699   | BTAD  | *              |  |
| 416-480-3 | 95-03-0305   | 1265F   |                |  |
| 416-490-8 | 95-06-0685   | KC-27   | *              |  |
| 416-500-0 | 95-03-0306   | O-98  |                |  |
| 416-510-5 | 95-06-0687   | DL-ETHYLPANTHENOL   |                |  |
| 416-530-4 | 95-06-0694   | OCTAQUEST E100 IDENTIFIER   |                |  |
| 416-540-9 | 95-06-0696   | GREAT LAKES NH-1197(TM)   |                | 2,6,7-trioxa-1-phosphabicyclo[2.2.2]octane-4-methanol, 1-oxide           |
| 416-550-3 | 95-06-0700   | MTMPP   | *              | 1-phosphino-2,4,4-trimethylpentane                                       |
| 416-570-2 | 95-06-0702   | LMB 6020  |                |  |
| 416-580-7 | 95-06-0703   | BRL 55540-A   |                |  |
| 416-590-1 | 95-06-0704   | C-1744  |                |  |
| 416-600-4 | 94-01-0334<br>01-05-0394<br>95-08-0082<br>95-15-0002<br>97-01-0503<br>98-04-1094               | BOSTIK GELPASTE UREA<br>HAT PASTE (DRY)<br>HAT PASTE (TROCKEN)<br>HAT PASTE 19%<br>PATE HAT (SÉCHÉE)<br>SIKAFLEX HAT-PASTE(TROCKEN) | *              |  |
| 416-610-9 | 94-01-0339   | IMEXIXE FW  |                |  |
| 416-620-3 | 95-14-0004   | ARYPHAN 25<br>ISARYL 25   |                |  |
| 416-630-8 | 95-01-0350   | MEXANYL GZ  | *              |  |
| 416-640-2 | 95-06-0705   | 9402E   |                |  |
| 416-670-6 | 95-06-0708   | C-1743  | *              |  |
| 416-680-0 | 95-06-0710   | FIXATEUR BBB  | *              | benzyl 4-benzoyloxybenzoate  |
| 416-690-5 | 95-03-0302   | PRIOLUBE 1944<br>UCN 94.327   | *              |  |
| 416-700-8 | 95-03-0303   | PRIOLUBE 1945   | *              |  |
| 416-710-2 | 95-06-0711<br>97-04-1001<br>98-01-0533<br>98-01-0535<br>98-06-1138<br>99-01-0578<br>99-04-1132 | 1-BROM-3,5-DIFLUORBENZOL<br>1-BROMO-3,5-DIFLUOROBENZENE<br>BDFB   | *              | 1-bromo-3,5-difluorobenzene  |
| 416-720-7 | 95-06-0712   | 2,6-DICHLOROTHIOPHENOL  | *              | 2,6-dichlorothiophenol   |
| 416-730-1 | 95-06-0701   | PIGMENT YELLOW 9128A  | *              |  |

| EC Number | Registration Number                                  | Trade Name   | Classification | Name in the IUPAC Nomenclature   |
|-----------|--|--|----------------|--|
| 416-740-6 | 95-06-0706<br>95-03-0317                             | MCP 1440<br>MOBIL ESTER DB 101   | *              |  |
| 416-750-0 | 95-06-0722<br>00-06-1434                             | PRO-JET 950 NP<br>SUBSTANCE S159496  |                |  |
| 416-760-5 | 95-06-0671   | FR-1808  |                |  |
| 416-770-1 | 95-02-0155   | SANOL LS-2626  | *              |  |
| 416-780-4 | 95-02-0152   | SB 211-245-Z   | *              |  |
| 416-790-9 | 95-06-0691   | NITROSULFONAMIDE DMAP SALT   | *              |  |
| 416-800-1 | 95-06-0707   | 2,3,5,6-TETRAFLUOROBENZOIC ACID<br>SUBSTANCE TFBA  | *              | 2,3,5,6-tetrafluorobenzoic acid  |
| 416-810-6 | 95-01-0370<br>95-06-0709<br>95-06-0749<br>99-01-0557 | GLYOXYLATE DE MENTHYLE HYDRATE<br>GLYOXYLATE DE MENTHYLE HYDRATÉ<br>MENTHYL GLYOXYLATE HYDRATE | *              |  |
| 416-820-0 | 95-06-0713   | PMML2  |                |  |
| 416-830-5 | 95-06-0714   | T-5547 SILICONE-UREA POLYMER   |                | poly((3-isocyanatomethyl-3,5,5-tri-methyl-cyclohexyl-isocyanate)-co-[ (3-aminopropyl)- [3-aminopropyl(dimethyl)silyl]poly[(dimethylsilanediyl)oxy]; 1,3-bis( (2-aminopropyl)poly[oxy(2-methylethylene))]urea; 1,3-diaminopentane |
| 416-840-1 | 95-06-0716<br>95-12-0111                             | LUMINOVA   | *              |  |
| 416-850-4 | 95-06-0717   | SOLUBLE GLASS  | *              |  |
| 416-860-9 | 95-06-0724   | DISPERSOL BLUE C-4G COLOUR<br>SUBSTANCE H87919   | *              |  |
| 416-870-3 | 95-02-0154   | BTRT   |                |  |
| 416-890-2 | 94-02-0147   | PROBIMIDE 733  |                |  |
| 416-900-5 | 95-03-0300<br>96-15-0066                             | TMAP   | *              |  |
| 416-910-1 | 95-07-0071   | RS-21904-000   |                |  |
| 416-920-4 | 95-05-0257   | GREEN DER 7766   |                |  |
| 416-930-9 | 94-01-0322   | SPIRAMBRENE  | *              |  |
| 416-940-3 | 94-01-0340   | IMEXINE FAH  |                |  |
| 416-950-8 | 94-04-0667   | L-VALYL-L-PROLIN   |                | 1-(2-amino-3-methylbutyryl)pyrrolidine-2-carboxylic acid   |
| 416-960-2 | 94-04-0676<br>96-04-0836                             | CNN-2  |                |  |
| 416-970-7 | 95-04-0706   | EURECEN 5030   | *              |  |
| 416-980-1 | 95-04-0707<br>98-01-0530                             | EURECEN 5031<br>K-577<br>METOCENE CHEMICAL 577 AA-BP-12  | *              | bis(n-butylcyclopentadienyl)zirconium dichloride   |
| 416-990-6 | 95-04-0708<br>98-01-0531                             | EURECEN 5033<br>K-344<br>METOCENE CHEMICAL 344 AA-BD22   | *              | rac-[dimethylsilyl-bis(4,5,6,7-tetrahydro-1H-inden-1-yl)]zirconium dichloride  |
| 417-000-5 | 95-04-0712   | NATRIUMCYANACETON (NACYA)  | *              | sodium 1-cyanoprop-1-ene-2-olate   |
| 417-020-4 | 95-01-0358   | IMEXINE OBA  | *              |  |
| 417-030-9 | 95-06-0720   | ALKANE 3   | *              |  |

| EC Number | Registration Number      | Trade Name  | Classification     | Name in the IUPAC Nomenclature   |
|-----------|--------------------------|---|--------------------|--|
| 417-040-3 | 95-06-0715               | COAGULANT 122 (SOLID)   |                    |  |
| 417-050-8 | 95-06-0718<br>96-06-0855 | 1-DECENE DIMER WITH DODECENE, HYDROGENATED<br>ALKANE 1                          | *                  |  |
| 417-060-2 | 95-06-0719<br>96-06-0807 | 1-DODECENE DIMER, HYDROGENATED<br>ALKANE 2                                      | *                  |  |
| 417-070-7 | 95-06-0721<br>96-06-0808 | 1-DODECENE TRIMER, HYDROGENATED<br>ALKANE 4                                     | *                  |  |
| 417-080-1 | 95-06-0726               | 34  | *                  |  |
| 417-090-6 | 94-03-0301               | UY-905  |                    |  |
| 417-100-9 | 95-05-0256               | CG 33-1136  | *                  |  |
| 417-110-3 | 93-04-0643               | TYZOR ZEC   | *                  |  |
| 417-120-8 | 94-04-0687               | ENAMID  | *                  |  |
| 417-130-2 | 94-04-0693               | SZ-110  | *                  |  |
| 417-140-7 | 94-04-0699               | ZOLDINE RD-20   | *                  | 7a-ethyl-3,5-bis(1-methylethyl)-2,3,4,5-tetrahydro-oxazolo[3,4-c]-2,3,4,5-tetrahydro-oxazole   |
| 417-150-1 | 97-06-0999<br>94-04-0700 | GV 153210 X<br>GV153210X  | *                  |  |
| 417-160-6 | 94-04-0701<br>98-01-0517 | FRESCOLAT MGC   | *                  |  |
| 417-170-0 | 94-04-0704               | HOE S 4326  | *                  |  |
| 417-180-5 | 95-04-0709<br>97-01-0494 | EURECEN 5037<br>HM-CATALYST 200AA-BP<br>K 200<br>METOCENE CHEMICAL 200 AA-BP 12 | *                  |  |
| 417-190-1 | 95-04-0717               | SLM 50524   |                    |  |
| 417-200-2 | 95-04-0722               | SENSIBILISATOR KF 628 PINA  | *                  |  |
| 417-210-7 | 95-03-0308<br>95-06-0728 | DAISO CCS-1S-E<br>S-GLYTO   | *                  |  |
| 417-220-1 | 95-03-0309<br>97-16-0001 | ATIPAQL   | R 43<br>N; R 51-53 | 5-amino-2,4,6-triiodo-1,3-benzenedicarbonyldichloride  |
| 417-230-6 | 95-15-0001               | CPL GALACTOLIPIDS   |                    | A mixture of: 1,2-O,O-diacyl-3-( -D-galactopyranosyl(1''-6')- -D-galactopyranosyl)-sn-glycerol;<br>N-acyl-1,2-O,O-diacyl-sn-glycero-3-phosphoetanolamine |
| 417-240-0 | 95-06-0727               | DOW CORNING(R) 2-7935   |                    |  |
| 417-250-5 | 95-06-0730               | PROCION EMERALD H-EXL COLOUR<br>SUBSTANCE S156718                               | *                  |  |
| 417-260-1 | 95-03-0314               | 1308F   | *                  |  |
| 417-270-4 | 95-06-0731               | FLUTEC PP4  |                    |  |
| 417-280-9 | 95-05-0258               | BLACK UL 1253   | *                  |  |
| 417-290-3 | 95-06-0725               | FC4010  | *                  |  |
| 417-300-6 | 95-06-0732               | NATACTONE   |                    |  |
| 417-310-0 | 95-06-0733               | FRUCTALATE  | *                  |  |
| 417-320-5 | 95-06-0734               | ME2N  |                    |  |
| 417-330-1 | 95-06-0735               | ME3N  |                    |  |

| EC Number | Registration Number                    | Trade Name  | Classification           | Name in the IUPAC Nomenclature  |
|-----------|--|---|--------------------------|---|
| 417-340-4 | 95-06-0723<br>95-04-0761<br>95-04-0774 | FC-05<br>FCO5<br>WMT 1155                         | *                        |   |
| 417-350-9 | 93-03-0251                             | EPIKURE DX 6906                                   | *                        |   |
| 417-360-3 | 97-11-0146<br>95-11-0115               | HOE S 4338 - 100 %<br>PRÄPAGEN V 4481             | *                        |   |
| 417-370-8 | 95-03-0315                             | KP-18C  |                          |   |
| 417-380-2 | 95-07-0075                             | L 708,350   | *                        |   |
| 417-390-7 | 95-07-0076                             | L 754,188   | *                        |   |
| 417-400-1 | 94-04-0675                             | N,N'-BIS-(2-PYRIDYL)-ETHYLENDIAMIN                | *                        | N,N'-bis(2-pyridyl)ethylenediamine  |
| 417-410-4 | 94-05-0242                             | X-17-17   | *                        |   |
| 417-420-9 | 94-04-0702<br>98-01-0518               | FRESCOLAT MPC                                     | Xi; R 36<br>N; R 51-53   | 2-isopropyl-5-methylcyclohexyloxycarbonyloxy-2-hydroxypropane   |
| 417-430-3 | 95-04-0727                             | PD 133602-2                                       | *                        |   |
| 417-440-8 | 95-05-0260                             | CXA 5415  | *                        | 1,10-bis(2,2,6,6-tetramethyl-1-piperidinyloxy)-1,10-dioxodecane   |
| 417-450-2 | 95-06-0729                             | PDN 2287  | *                        |   |
| 417-460-7 | 95-06-0736                             | ORANGE 200  | *                        | N-[ethyl(3-methylbutyl)amino]-3-methyl-1-phenyl-spiro[[1]benzo-pyran[2,3-c]pyrazole-4(1H),1'(3'H)-isobenzofuran]-3'-one   |
| 417-470-1 | 95-06-0739                             | RAS-5 1000 CPS<br>RAS-5 400 CPS<br>RAS-5 4000 CPS | Muta.Cat.3; R 68<br>R 43 | A mixture of: 4-allyl-2,6-bis(2,3-epoxypropyl)phenol;<br>4-allyl-6-[3-[6-[3-[6-[3-(4-allyl-2,6-bis(2,3-epoxypropyl)phenoxy)-2-hydroxypropyl]-4-allyl-2-(2,3-epoxypropyl)phenoxy]-2-hydroxypropyl]-4-allyl-2-(2,3-epoxypropyl)phenoxy]-2-hydroxypropyl]-2-(2,3-epoxypropyl)phenol;<br>4-allyl-6-[3-(4-allyl-2,6-bis(2,3-epoxypropyl)phenoxy)-2-hydroxypropyl]-2-(2,3-epoxypropyl)phenol;<br>4-allyl-6-[3-[6-[3-(4-allyl-2,6-bis(2,3-epoxypropyl)phenoxy)-2-hydroxypropyl]-4-allyl-2-(2,3-epoxypropyl)phenoxy]-2-hydroxypropyl]-2-(2,3-epoxypropyl)phenol |
| 417-480-6 | 95-06-0740<br>97-06-0944               | AMPCPA  | *                        |   |
| 417-490-0 | 95-06-0741                             | HSB-2131  | *                        |   |
| 417-500-3 | 95-06-0743                             | HSY-2186  | *                        |   |
| 417-510-8 | 95-06-0742                             | HSY-2068  | *                        |   |
| 417-520-2 | 95-06-0744                             | HSR-2150  | *                        |   |
| 417-530-7 | 95-06-0747                             | HSR-2164  | *                        |   |
| 417-540-1 | 95-06-0750                             | EBO   | *                        |   |
| 417-550-6 | 95-06-0751<br>95-06-0754               | OCTAMER   | *                        |   |
| 417-560-0 | 95-06-0753<br>97-04-0915               | HEMA-PC<br>MPC                                    | *                        |   |
| 417-570-5 | 95-06-0755                             | ABZ   | *                        |   |
| 417-590-4 | 95-06-0738                             | PHOTOSOL 0272                                     | *                        |   |
| 417-600-7 | 94-01-0332                             | IMEXINE FAA                                       |                          |   |
| 417-610-1 | 95-01-0345                             | REACTIVE NAVY DER 7678                            | *                        |   |
| 417-620-6 | 95-01-0364                             | MARINE DER 7530                                   |                          |   |
| 417-630-0 | 95-06-0745                             | RED CLA 322                                       | *                        |   |

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|-----------|--|---|----------------|---|
| 417-640-5 | 95-05-0259                             | NAVY DER 7850   | *              |   |
| 417-650-1 | 95-03-0310<br>95-04-0741<br>95-04-0745 | 5-CHLOR-2-PENTANON-NEOPENTYLKETAL<br>5-CHLORO-2-PENTANONE-NEOPENTYLKETAL<br>CHLORKETAL  | *              |   |
| 417-660-4 | 95-06-0748                             | MIXTURE OF THREE MANGANESE PHTHALOCYANINE SULFONATES (MNPC)   | *              |   |
| 417-670-9 | 95-06-0760                             | IR 112  | *              | 1,2,3-triaqua-1,2:1,2:1,3:1,3:2,3:2,3-hexa- -acetato-(O,O)- 3-oxo-triangulo-triiridium acetate    |
| 417-680-3 | 95-06-0761                             | FLUFENOXURON  | *              | 1-(4-(2-chloro- , , -p-trifluorotolyoxy)-2-fluorophenyl)-3-(2,6-difluorobenzoyl)urea              |
| 417-690-8 | 95-06-0762                             | 6-HYDROXYPICOLINIC ACID   | *              | 6-hydroxypicolinic acid   |
| 417-700-0 | 95-06-0763                             | 2 PZ.TMA  | *              |   |
| 417-710-5 | 95-06-0757                             | CAPTISOL  | *              |   |
| 417-720-1 | 95-06-0765<br>96-06-0775               | ETHYL ISOTHIOCYANATO ACETATE<br>ISOTHIOCYANATO ACETIC ACID ETHYL ESTER  | *              | ethylisothiocyanatoacetate  |
| 417-730-4 | 94-04-0671                             | STABILISATOR 4102   | *              |   |
| 417-740-9 | 95-04-0723                             | A 11  | *              |   |
| 417-750-3 | 95-01-0357                             | BB-94 INTERMEDIATE 5 (R)<br>BB-94 MALONATE ACID (R)   | *              |   |
| 417-760-8 | 95-06-0684                             | ZK RT 1507  | *              |   |
| 417-780-7 | 95-01-0352<br>95-04-0755<br>96-11-0123 | B 8401-026<br>BENZIMIDAZOLE<br>DIFLUORMETHOXIBENZIMIDAZOL<br>DIFLUOROMETOXIBENZIMIDAZOL<br>FLUOROMETHOXYBENZIMIDAZOLE<br>FMBI | *              |   |
| 417-790-1 | 95-01-0351                             | MEXORYL SAB   | *              |   |
| 417-800-4 | 95-01-0361                             | ORANGE DER 7531   | *              |   |
| 417-820-3 | 95-07-0078<br>98-16-0005               | SKF 109077  |                |   |
| 417-830-8 | 95-06-0764                             | DVS-BIS-BCB-PREPOLYMER  | *              |   |
| 417-840-2 | 95-06-0766                             | VIOLETTYNE  | *              |   |
| 417-850-7 | 95-11-0114                             | BROWN JR 589  | *              |   |
| 417-860-1 | 95-06-0770                             | METHYL-N-BENZOYL GLUCOSAMINE  |                | methyl 2-benzoylamino-2-deoxy- -D-glucopyranoside   |
| 417-870-6 | 95-06-0758                             | PINOLENE  | *              |   |
| 417-880-0 | 94-04-0694                             | BAS 490 F   | *              |   |
| 417-890-5 | 95-04-0711                             | MAK-563.ZN  | *              |   |
| 417-900-8 | 95-04-0732                             | IRGAZIN DPP ROT 5049B   |                |   |
| 417-910-2 | 95-04-0754                             | SPG 120   |                | A mixture of glucosylated 3-(2-hydroxyethoxy)propyl-heptamethyl tri- and octamethyltetrasiloxanes |
| 417-920-7 | 95-06-0767                             | DOWFAX(R) 2A0   | *              |   |
| 417-930-1 | 95-06-0771<br>96-01-0388               | PHTALIDE<br>PHTHALIDE   | *              |   |
| 417-940-6 | 95-01-0368                             | PRANGANETE 1/95   |                |   |

| EC Number | Registration Number                                  | Trade Name   | Classification   | Name in the IUPAC Nomenclature  |
|-----------|--|--|------------------|---|
| 417-950-0 | 95-15-0005<br>97-15-0069                             | PPX-HCL  | *                |   |
| 417-960-5 | 95-15-0006   | ATRAC 860  | *                |   |
| 417-970-1 | 95-15-0007   | NK-001   | *                |   |
| 417-980-4 | 95-06-0773   | T-271  | *                |   |
| 417-990-9 | 95-06-0772   | T-209  | *                |   |
| 418-000-8 | 95-01-0374   | BLEU REN 20  | *                |   |
| 418-010-2 | 94-04-0683   | CROMOPHTAL GELB 113A   | *                |   |
| 418-020-7 | 94-04-0698   | AURUM<br>N(EW)-TPI<br>REGULUS  |                  |   |
| 418-030-1 | 94-04-0674   | TCD-DI-HEA   | *                |   |
| 418-040-6 | 95-04-0705   | VESTOWAX DSA 7   | *                |   |
| 418-050-0 | 95-04-0733   | CMP  | *                |   |
| 418-060-5 | 95-04-0735   | N 89   | *                |   |
| 418-070-1 | 95-04-0736   | IRB  | *                |   |
| 418-080-4 | 95-04-0737   | P3B  | *                |   |
| 418-100-1 | 95-02-0164   | VMZ95005   | *                |   |
| 418-110-6 | 96-06-0774<br>98-11-0154                             | MAGNOL-R   | *                | Reaction products of 5-ethylidene-bicyclo[2.2.1]hept-2-ene and 2-methoxyphenol, hydrogenated                                |
| 418-120-0 | 96-06-0777   | ADOGEN CDMC  | *                |   |
| 418-130-5 | 95-04-0715   | LICA 09  | *                |   |
| 418-140-1 | 95-04-0740   | ACRYLOYLMORPHOLIN  | *                |   |
| 418-150-4 | 96-07-0079   | PHOTOSOL 7-120   |                  |   |
| 418-160-9 | 96-07-0080   | PHOTOSOL 7-176   |                  |   |
| 418-170-3 | 95-01-0359   | 2-ISOPROPYL-5-CARBOXY-1,3-DIOXANE  | *                | A mixture of: trans-2-(1-methylethyl)-1,3-dioxane-5-carboxylic acid;<br>cis-2-(1-methylethyl)-1,3-dioxane-5-carboxylic acid |
| 418-180-8 | 95-02-0160   | CS-8203  | *                |   |
| 418-190-2 | 95-02-0161   | CS-8593  |                  |   |
| 418-200-5 | 96-14-0010   | MEP  | Muta.Cat.3; R 68 | 1-ethyl-1-methylpyrrolidinium bromide   |
| 418-220-4 | 95-11-0113   | RED JB 747   | *                |   |
| 418-230-9 | 96-06-0776   | BONJET BLACK 817   | *                |   |
| 418-240-3 | 96-06-0778<br>01-06-1505<br>96-06-0779<br>97-04-0965 | N-METHYL-4-(P-FORMYLSTYRYL)-PYRIDINIUM<br>METHYLSULFATE<br>SBQ<br>SBQ-SALZ | *                | N-methyl-4-(p-formylstyryl)pyridinium methylsulfate   |
| 418-250-8 | 96-14-0009   | MEM  | Muta.Cat.3; R 68 | 1-ethyl-1-methylmorpholinium bromide  |
| 418-260-2 | 95-03-0320   | NX-7   | *                |   |
| 418-270-7 | 95-03-0321   | NX-9   | *                |   |
| 418-280-1 | 95-03-0318   | CYASORB(R) UV-3638 LIGHT STABILISER  | *                | 2,2-(1,4-phenylene)bis((4H-3,1-benzoxazine-4-one)   |
| 418-290-6 | 95-02-0162   | V159808  | *                |   |
| 418-300-9 | 96-14-0011   | DCOX<br>DCQ  |                  |   |
| 418-310-3 | 96-06-0780   | ADK STAB HP-10   | *                |   |

| EC Number | Registration Number                    | Trade Name  | Classification   | Name in the IUPAC Nomenclature  |
|-----------|--|---|--|---|
| 418-320-8 | 97-01-0487<br>96-06-0784               | CIN 10097929  | *  |   |
| 418-330-2 | 95-02-0163<br>95-04-0729               | ACCUFLUOR(TM) NFTH<br>NFTH                                    | *  |   |
| 418-340-7 | 95-01-0362                             | ROUGE TZ 4075   | *  |   |
| 418-350-1 | 95-01-0360                             | AMINAZA TOLFAMATATE   | Muta.Cat.3; R 68<br>Xn; R 22<br>Xi; R 36<br>R 43<br>N; R 51-53 | hexahydrocyclopenta[c]pyrrole-1-(1H)-ammonium N-ethoxycarbonyl-N-(p-tolylsulfonyl)azanide       |
| 418-360-6 | 95-01-0367                             | RHODORSIL SILANE 198  | *  |   |
| 418-370-0 | 96-01-0377                             | CGA 042   | *  |   |
| 418-380-5 | 96-01-0381                             | ROUGE REACTIF REN 208   | *  |   |
| 418-390-1 | 95-04-0738<br>96-02-0178               | A 34  | *  |   |
| 418-400-2 | 95-04-0749                             | METHYL-TPP-CHLORID<br>MTPP-CHLORID                            | *  |   |
| 418-410-7 | 95-04-0759                             | 3-METHOXYCARBONYL-2,4-DIOXOPIPERIDIN-NA-ENOLAT                | *  |   |
| 418-420-1 | 96-07-0081                             | TBE   | *  |   |
| 418-440-0 | 95-04-0763                             | HÄRTER 1207   | *  |   |
| 418-450-5 | 95-04-0765                             | N 136   | *  |   |
| 418-460-1 | 95-04-0784                             | L 128   | *  |   |
| 418-470-4 | 95-04-0783                             | BT-MAA  | *  | N-[3-benzotriazol-2-yl-2-hydroxy-5-(1,1,3,3-tetramethylbutyl)-benzyl]-2-methylacrylamide        |
| 418-480-9 | 95-04-0785<br>00-01-0629<br>97-04-0970 | 1-BROM-3,4,5-TRIFLUORBENZOL<br>1-BROMO-3,4,5-TRIFLUOROBENZENE | R 10<br>Carc.Cat.3; R 40<br>Xi; R 38-41<br>N; R 51-53          | 1-bromo-3,4,5-trifluorobenzene  |
| 418-490-3 | 95-04-0789                             | D-ETHYLGONENDION  | *  | (+)-13-ethyl-1,6,7,8,9,10,11,12,13,14,15,16-dodecahydro-2H-cyclopenta[a]phenanthrene-3,17-dione |
| 418-500-6 | 96-03-0328                             | SETALUX EPC 4682  |  |   |
| 418-510-0 | 96-03-0329                             | CERIUM DISILICATE   |  | dicerium silicate   |
| 418-520-5 | 96-06-0781                             | MJR-580   | *  |   |
| 418-530-1 | 96-06-0782<br>97-06-1044               | 1418U90   | *  |   |
| 418-540-4 | 96-06-0785<br>96-04-0869               | BRL 610 10 A<br>BRL 61010-A                                   | *  |   |
| 418-550-9 | 96-06-0789                             | C-1742  | *  |   |
| 418-560-3 | 96-06-0788                             | TBL   | *  |   |
| 418-570-8 | 96-11-0118                             | PHENETHYLAMMONIUM SALT OF FOSFOMYCIN                          | Repr.Cat.3; R 62<br>N; R 51-53                                 | (R)- -phenylethylammonium (-)-(1R, 2S)-(1,2-epoxypropyl)phosphonate monohydrate                 |
| 418-580-2 | 92-03-0193                             | BIOSURF 14  |  | 2-O-ethyl 6-O-tetradecanoyl-D-glucopyranoside   |
| 418-590-7 | 92-03-0197                             | BIOSURF 10<br>PRIAZUL   |  | ethyl 6-O-decanoyl-D-glucopyranoside  |

| EC Number | Registration Number                    | Trade Name                        | Classification | Name in the IUPAC Nomenclature   |
|-----------|--|-----------------------------------|----------------|--|
| 418-600-1 | 92-03-0194                             | BIOSURF TALLOW                    |                | A mixture of monoesters: ethyl 6-O-hexadecanoyl-D-glucopyranoside;<br>ethyl 6-O-octadecanoyl-D-glucopyranoside |
| 418-610-4 | 92-03-0195                             | BIOSURF 12                        |                | ethyl 6-O-dodecanoyl-D-glucopyranoside   |
| 418-620-9 | 92-03-0196                             | BIOSURF 18:1                      |                | ethyl 6-O-octadecenoyl-D-glucopyranoside   |
| 418-630-3 | 95-01-0366                             | PTH-SUCCINIMIDESTER               | *              |  |
| 418-650-2 | 96-14-0012<br>00-05-0371<br>00-14-0038 | THL-HBL                           | *              |  |
| 418-660-7 | 96-01-0378                             | PRO DSB                           | *              | 2,2-dimethyl-4H-1,3,2-benzodioxasilin-4-one  |
| 418-670-1 | 96-01-0382                             | MEXANYL GAA                       |                |  |
| 418-680-6 | 96-05-0262                             | 10-DEACETYLBACCATIN III           |                | 4-acetyloxy-5 ,20-epoxy-1,2 ,4,7 ,10 ,13 -hexahydroxy-9-oxotax-11-en-2-yl benzoate                             |
| 418-690-0 | 96-05-0263                             | AZODICARBOXYLIC DIMORPHOLIDE      |                |  |
| 418-700-3 | 95-04-0731                             | S-CYANACETYLLACTAT                | *              | methyl 2-cyano-acetyloxy-propionate  |
| 418-710-8 | 95-04-0726                             | GAMMA W8 M 1.8                    |                | -cyclodextrine methyl esters   |
| 418-720-2 | 95-04-0728                             | EURESYNTH(R) 5010                 | *              |  |
| 418-730-7 | 95-04-0742                             | WACKER SILAN SLM 53979            | *              |  |
| 418-740-1 | 95-04-0743                             | WACKER SILAN SLM 53876            | *              | 3-cyanopropyldimethoxymethylsilan  |
| 418-750-6 | 95-04-0744                             | WACKER SILAN SLM 53950            |                | 3-phenylpropyldimethoxymethylsilan   |
| 418-760-0 | 95-04-0750                             | XB 6079 A                         | *              |  |
| 418-770-5 | 95-04-0760                             | B-TUM                             | *              | 4,4'-bis(N-carbamoyl-4-methylbenzensulfonamide)diphenylmethane   |
| 418-780-1 | 95-04-0762                             | BETA W7 A 1.0                     |                |  |
| 418-790-4 | 95-04-0780                             | FIDOL                             | *              |  |
| 418-800-7 | 95-04-0793                             | LUMILUX WEIB CD 350               |                |  |
| 418-810-1 | 95-04-0794                             | LUMILUX ROT CD 360                |                |  |
| 418-830-0 | 96-06-0792<br>96-06-0837               | GL-01                             |                |  |
| 418-840-5 | 96-04-0804                             | CNN-3                             |                |  |
| 418-850-1 | 95-04-0724                             | CAVASOL W6 M                      | *              | -cyclodextrine methyl ethers   |
| 418-860-4 | 95-04-0719                             | KURTZ-GELB-ADDITIV (HYDROCHLORID) | *              |  |
| 418-870-9 | 95-04-0739<br>95-04-0770               | DIRECT BLUE FC 57087              |                |  |
| 418-890-8 | 95-04-0772                             | LC-SILICON-PIGMENT                |                |  |
| 418-900-0 | 96-04-0801<br>00-04-1300               | IBEM<br>MIBA                      |                | methyl 4-methyl-3-oxopentanoate  |
| 418-910-5 | 96-04-0809                             | OXONOLROT 536 PINA                |                |  |
| 418-920-1 | 96-03-0331                             | O-99                              |                |  |
| 418-930-4 | 96-06-0786                             | HD-180                            | *              |  |
| 418-940-9 | 96-07-0083<br>97-01-0461<br>97-06-0959 | MP3AA<br>PHECO                    | *              |  |
| 418-950-3 | 96-07-0084<br>97-07-0128               | ATORVASTATIN LACTONE              |                |  |
| 418-960-8 | 96-06-0787                             | TFA-4713                          | *              |  |
| 418-970-2 | 96-03-0332                             | HOGAPC                            |                | gallium hydroxy-[29H,31H-phthalocyaninate (2-)N29,N30, N31, N32]   |



| EC Number | Registration Number      | Trade Name   | Classification                                      | Name in the IUPAC Nomenclature  |
|-----------|--------------------------|--|---|---|
| 418-980-7 | 96-03-0333               | ROGAPC   |   | [1,2-ethanediolate(2-)-0:0'][[bis[gallium 29H, 31H-phthalocyaninato(2-)-N29,N30,N31,N32]  |
| 418-990-1 | 96-06-0791               | Z-29   | *   |   |
| 419-000-0 | 96-06-0794               | QMP-1442 AI  | *   |   |
| 419-010-5 | 96-06-0795               | N 5297   | *   |   |
| 419-020-1 | 96-06-0796               | CGCI 1930  | *   |   |
| 419-030-4 | 96-03-0336               | 494-5124   | *   |   |
| 419-040-9 | 96-14-0013<br>96-04-0846 | TAEM   | *   |   |
| 419-050-3 | 93-04-0655               | AMINODIOXEPAN  | *   | trans-(5RS,6SR)-6-amino-2,2-dimethyl-1,3-dioxepan-5-ol  |
| 419-060-8 | 94-04-0669<br>00-05-0388 | AUFHELLER 2001<br>ELV 1094   | *   |   |
| 419-080-7 | 95-04-0747               | UV-GELB 4217   | *   |   |
| 419-090-1 | 95-04-0753               | ADK ARKLS SV-3   | *   |   |
| 419-100-4 | 95-04-0757               | 3-(BROMMETHYL)BENZOESÄUREMETHYLESTER                                     | *   | methyl 3-(bromomethyl)benzoate  |
| 419-110-9 | 95-04-0767               | AMINOMIDIN   | *   | 5-amino-4,6-dichloro-2-methylpyrimidine   |
| 419-120-3 | 95-04-0790               | DL-ETHYLGONENDION  | *   | A mixture of: (+)-13-ethyl-1,6,7,8,9,10,11,12,13,14,15,16-dodecahydro-2H-cyclopenta[a]phenanthrene-3,17-dione;<br>(-)-13-ethyl-1,6,7,8,9,10,11,12,13,14,15,16-dodecahydro-2H-cyclopenta[a]phenanthrene-3,17-dione |
| 419-140-2 | 96-01-0384               | MEXORYL SAG  |   |   |
| 419-150-7 | 95-04-0766               | CSDCA  | *   | 1-(2,4-dichlorophenylcarbamoyl)cyclopropancarboxylic acid   |
| 419-160-1 | 96-07-0087               | SQ28,646   | Repr.Cat.3; R 62<br>Xn; R 22<br>Xi; R 38-41<br>R 43 | trans-4-cyclohexyl-L-proline monohydrochloride  |
| 419-170-6 | 96-02-0171               | HFC-245FA  |   |   |
| 419-180-0 | 96-02-0165               | KZ-159   | *   |   |
| 419-190-5 | 96-02-0166               | BT-3150  |   |   |
| 419-200-8 | 96-02-0167               | KZ-113   | *   |   |
| 419-210-2 | 96-11-0119               | OLIVE-GREEN JB 1170  | *   |   |
| 419-220-7 | 96-06-0793               | CATALYST 313B  |   |   |
| 419-230-1 | 96-11-0117               | BLACK JR 578   | *   |   |
| 419-240-6 | 96-06-0797               | CGCI 1405  | *   |   |
| 419-250-0 | 96-06-0799               | TREATED CARBON BLACK   |   |   |
| 419-260-5 | 96-11-0120               | BROWN JR 547   | *   |   |
| 419-270-1 | 96-07-0088<br>96-07-0089 | SQ 28,449  | *   |   |
| 419-280-4 | 96-02-0172               | METHANOALDEHYDE  | *   |   |
| 419-290-9 | 96-02-0173<br>96-01-0440 | T001769  | *   |   |
| 419-300-1 | 96-06-0798               | FLUTEC LE 12<br>FLUTEC LE 15<br>FLUTEC LE 18<br>PERFLUOROCARBON OLIGOMER |   |   |

| EC Number | Registration Number                    | Trade Name   | Classification | Name in the IUPAC Nomenclature  |
|-----------|--|--|----------------|---|
| 419-310-6 | 96-06-0801                             | RM82   | *              |   |
| 419-320-0 | 96-06-0802                             | RM96   | *              |   |
| 419-330-5 | 96-06-0803                             | GOLDEN YELLOW SCJ 1006   |                |   |
| 419-340-1 | 96-07-0091                             | BMS-183981-01  |                |   |
| 419-350-4 | 94-04-0677                             | BECROSAN 2118  |                | A mixture of: 2,2'-oxybisethanol;<br>6-(4,6-bis[5-(2-hydroxypropylcarbamoyl)pentylamino]-1,3,5-triazin-2-ylamino)-N-(2-hydroxypropyl)amide;<br>6-(4,6-bis[5-(2-hydroxy-propylcarbamoyl)pentylamino]-1,3,5-triazin-2-ylamino)hexanoic acid |
| 419-360-9 | 95-04-0746                             | PERGASOL GELB 2801 ROH TROCKEN   | *              |   |
| 419-370-3 | 95-04-0769                             | PIGMENT RED 3092C  |                |   |
| 419-380-8 | 95-04-0775                             | LUMILUX BLAU CD 329<br>LUMILUX HELLBLAU CD 328<br>STOFF HUBER BLAU 180 |                | sodium 2-((2-hydroxy-5-sulfonatobenzoyl)amino)benzoic acid  |
| 419-390-2 | 95-04-0710                             | DELOXAN ASP I  |                | Polycondensation product of 3-(trihydroxysilyl)propanesulfonic acid and tetraethoxysilane   |
| 419-400-5 | 96-03-0327                             | DIETHYLDIMETHYLAMMONIUMHYDROXIDE                                       | *              | diethyldimethylammonium hydroxide   |
| 419-420-4 | 96-07-0090<br>97-05-0287               | SQ 32,035  |                |   |
| 419-430-9 | 91-04-0353                             | D 28-283   | *              |   |
| 419-440-3 | 95-04-0730                             | PRODUKT 1771   |                |   |
| 419-450-8 | 95-04-0776                             | REACTIVE YELLOW FC 75560   | *              |   |
| 419-460-2 | 95-04-0792                             | ROT DK 2740  | *              |   |
| 419-470-7 | 95-04-0796                             | BETA W7 MCT<br>CAVASOL W7 MCT  |                |   |
| 419-480-1 | 95-04-0799                             | REACTIVE BLUE FC 75311   |                |   |
| 419-490-6 | 96-04-0813                             | PIGMENT 4189   | *              |   |
| 419-500-9 | 96-05-0264                             | RED REN 363  | *              |   |
| 419-510-3 | 96-05-0267                             | YELLOW DO 2847   |                |   |
| 419-520-8 | 96-05-0268                             | BLAU MUB 557   | *              |   |
| 419-530-2 | 96-06-0800<br>00-04-1219<br>97-01-0479 | 224 AUE<br>AGK 5109<br>CAT NO 829 4340                                 |                |   |
| 419-540-7 | 96-07-0093                             | IODOANILINE TRIAZOLE   | *              | [1-(3-iodo-4-aminobenzyl)-1H-1,2,4-triazole]  |
| 419-560-6 | 95-03-0324                             | KBM-5103   | *              |   |
| 419-570-0 | 96-03-0340                             | NT-11  | *              |   |
| 419-580-5 | 96-03-0343                             | STEARYL GLYCYRRHETINATE  | *              |   |
| 419-590-1 | 96-03-0344                             | RX-33  | *              |   |
| 419-600-2 | 96-02-0175                             | T001446  | *              |   |
| 419-610-7 | 96-05-0271<br>96-14-0014               | PREPARATION FFU 652  | *              |   |
| 419-620-1 | 96-02-0168<br>97-04-0932               | T001447<br>T1447   | *              |   |
| 419-630-6 | 96-02-0169<br>97-04-0933               | T001448  | *              |   |

| EC Number | Registration Number                    | Trade Name  | Classification | Name in the IUPAC Nomenclature   |
|-----------|--|---|----------------|--|
| 419-640-0 | 96-02-0174                             | ALLYL SUCROSE   | *              |  |
| 419-650-5 | 96-05-0269<br>97-01-0452               | CRX(TM)2006<br>ECOBBLACK(TM)<br>ECOBBLACK(TM), CRX 2000 |                |  |
| 419-670-4 | 95-01-0372                             | BLACK KK 80805  |                |  |
| 419-680-9 | 95-03-0323                             | CLR-3   |                |  |
| 419-690-3 | 95-01-0371                             | NORCAT M  |                |  |
| 419-700-6 | 95-01-0375                             | 351 HOY AMINE   | *              |  |
| 419-710-0 | 96-01-0387<br>98-01-0542<br>98-04-1070 | NYLOSTAB S-EED<br>NYSEED                                | *              |  |
| 419-720-5 | 96-01-0379                             | M-377   |                |  |
| 419-730-1 | 96-01-0391                             | ENTEROL   |                |  |
| 419-740-4 | 96-01-0392                             | CGL 1545  | *              |  |
| 419-750-9 | 96-01-0397                             | G4374   | *              |  |
| 419-760-3 | 96-01-0402                             | "ISOSTEARATE" D'OXYDE DE CERIUM                         | *              |  |
| 419-770-8 | 96-03-0330                             | HR-11   | *              |  |
| 419-780-2 | 96-01-0408                             | NO.302 ROUGE  |                |  |
| 419-790-7 | 96-03-0345                             | 17-KETOBROMOHYDRINE                                     | *              |  |
| 419-800-1 | 96-07-0094                             | R-AMINE   | *              |  |
| 419-810-4 | 96-07-0095                             | YM-617 BROMIDE  | *              |  |
| 419-820-9 | 99-06-1250<br>94-03-0273               | SPP-H   | *              | poly(1-acetyloxyethyl)-poly-2-(1-hydroxyethyl)-poly-2-[4-[(4-methyl-1,3-dioxolan-2-yl)styryl]-N-methylpyridiniummethylsulfate] |
| 419-830-3 | 95-04-0779<br>96-03-0335               | PH-50P<br>TN-9501                                       |                |  |
| 419-840-8 | 95-03-0319                             | CGC-7 CATALYST  | *              |  |
| 419-850-2 | 95-04-0797                             | ZOLDINE RD-4  | *              | isobutylidene-(2-(2-isopropyl-4,4-dimethyloxazolidine-3-yl)-1,1-dimethylethyl)amine  |
| 419-860-7 | 96-04-0814                             | HS 3519   |                | bis(4-chlorobenzyl) oxalate  |
| 419-870-1 | 96-04-0821                             | AGK 3404  | *              |  |
| 419-880-6 | 96-04-0807                             | ETHOCYN   |                | 4-(5-ethoxyheptyl)perhydropentalen-2-one   |
| 419-890-0 | 96-04-0830                             | UETR10  |                |  |
| 419-900-3 | 96-04-0832                             | GRÜN 4202   |                |  |
| 419-910-8 | 96-04-0834                             | SENSIBILISATOR KF 825 PINA                              |                |  |
| 419-920-2 | 96-03-0349                             | A41   |                |  |
| 419-930-7 | 96-06-0804                             | TRICHLOROSILANE   | *              |  |
| 419-940-1 | 96-06-0805<br>97-06-1028               | DCNS 170  | *              |  |
| 419-950-6 | 96-06-0818                             | CA 2079 A   |                |  |
| 419-970-5 | 94-03-0274<br>97-06-0920<br>99-01-0566 | SUBSTANCE S123616<br>TIOPC<br>TPL-X                     |                | titanylphtalocyanine   |
| 419-980-1 | 94-03-0275                             | CLINPC  |                |  |
| 419-990-4 | 94-03-0284<br>99-05-0356               | CC-421<br>FC-113  | *              |  |

| EC Number | Registration Number      | Trade Name  | Classification                               | Name in the IUPAC Nomenclature                                |
|-----------|--------------------------|---|--|---|
| 420-000-8 | 94-03-0298               | AP-5251   |  |   |
| 420-010-2 | 94-03-0299               | KBM-425   |  |   |
| 420-030-1 | 95-04-0764               | 6-N-PHTHALIMIDO-6,11-DIHYDRO-5H-DIBENZ(B,E)AZEPIN | *  |   |
| 420-040-6 | 95-04-0786<br>96-01-0430 | N-N-OCTYLCAPIROLACTAM<br>N-OCTYLCAPIROLACTAME     | *  | 1-octylazepin-2-one   |
| 420-050-0 | 95-04-0795               | CGA 245704 TECH.                                  | Xi; R 36/37/38<br>R 43<br>N; R 50-53         | S-methyl benzo(1.2.3)thiadiazole-7-carbothioate               |
| 420-060-5 | 96-04-0803               | DIPND-50-AL (META)                                | *  |   |
| 420-070-1 | 93-04-0600               | PES-SOLID   | *  |   |
| 420-080-4 | 96-04-0816               | DETR3   |  |   |
| 420-090-9 | 96-04-0817               | GETR4   |  |   |
| 420-100-1 | 96-04-0818               | UETR1   |  |   |
| 420-110-6 | 96-04-0819               | UETR3   |  |   |
| 420-120-0 | 96-04-0820               | UETR4   |  |   |
| 420-130-5 | 96-04-0831               | UMTR1   |  |   |
| 420-140-1 | 96-04-0835<br>01-04-1342 | ARGOPHAN REAKTIONSPRODUKT                         | *  |   |
| 420-150-4 | 96-08-0083               | SP 807  | *  | laccase   |
| 420-160-9 | 93-03-0246               | CYANEX(R) 301 EXTRACTANT                          | *  |   |
| 420-170-3 | 96-04-0805               | P-AMINOBENZOESÄURE-2-ETHYLHEXYL-ESTER             | *  | 2-ethylhexyl 4-aminobenzoate                                  |
| 420-180-8 | 96-04-0839               | AC 900,001  | *  |   |
| 420-190-2 | 96-03-0347               | SETALUX EPC 4690                                  | Xn; R 21/22<br>C; R 34<br>R 43<br>N; R 50-53 | 1,6-bis(3,3-bis((1-methylpentylidenimino)propyl)ureido)hexane |
| 420-200-5 | 96-03-0348               | MEPIP.HCL   | *  |   |
| 420-210-1 | 96-03-0351               | UC-138  | *  |   |
| 420-220-4 | 96-03-0352<br>00-04-1285 | BF 115<br>CM 515                                  | *  |   |
| 420-230-9 | 96-03-0353<br>96-04-0870 | 2-(PHENYLMETHYL)-BENZENEACETIC ACID               |  |   |
| 420-240-3 | 96-06-0810<br>96-07-0106 | CYPROESSIGS<br>THIOL ACID                         | *  |   |
| 420-250-8 | 96-06-0811               | CHEMICAL 10055264                                 | *  |   |
| 420-260-2 | 96-06-0812               | CHEMICAL 10056133                                 | *  |   |
| 420-270-7 | 96-06-0813               | CHEMICAL 10069389                                 | *  |   |
| 420-280-1 | 96-06-0814               | CHEMICAL 10055621                                 | *  |   |
| 420-290-6 | 96-06-0816               | CHEMICAL 10056597                                 | *  |   |
| 420-300-9 | 96-06-0817               | CHEMICAL 10057031                                 | *  |   |
| 420-310-3 | 96-06-0819               | E-101   | *  |   |
| 420-320-8 | 96-06-0822<br>97-04-0960 | A 93193<br>ADDITIVE A-93193                       |  |   |

| EC Number | Registration Number                                  | Trade Name                                  | Classification | Name in the IUPAC Nomenclature   |
|-----------|--|---|----------------|--|
| 420-330-2 | 96-06-0823   | RED SA                                      | *              |  |
| 420-340-7 | 96-06-0826   | FIREBRAKE 415                               | *              |  |
| 420-350-1 | 96-06-0827   | RED ULK 1640                                | *              |  |
| 420-370-0 | 95-03-0312<br>00-03-0462                             | D-PHENYLGLYCINE-AMIDE<br>FGA                | *              |  |
| 420-380-5 | 95-03-0322<br>99-06-1209                             | PHIQ<br>PTH-DECAHYDROAMID                   | *              |  |
| 420-390-1 | 96-03-0356   | EXPERIMENTAL CROSSLINKER S17762-80(S)       | *              |  |
| 420-400-2 | 96-03-0357   | CYANEX(R) 302 EXTRACTANT                    | *              |  |
| 420-420-1 | 96-04-0815   | ATCG  | *              |  |
| 420-430-6 | 96-04-0837   | TOOS  |                | sodium [N-ethyl-(3-methylanilino)]-2-hydroxypropyl-3-sulfonate, dihydrate  |
| 420-440-0 | 96-04-0845<br>99-06-1205                             | KAYASORB IRG-023                            | *              |  |
| 420-450-5 | 96-07-0096<br>00-05-0373                             | SQ 28,303                                   | *              |  |
| 420-460-1 | 96-06-0815   | CHEMICAL 10057033                           | *              |  |
| 420-470-4 | 96-06-0829   | OLOA 224 (OIL FREE)                         | *              |  |
| 420-480-9 | 96-06-0832   | NUPORE G45-10                               | *              |  |
| 420-490-3 | 96-01-0376   | HP-101                                      | *              |  |
| 420-510-0 | 96-04-0841<br>96-06-0820                             | OM-61                                       | *              |  |
| 420-520-5 | 96-06-0821<br>00-04-1238<br>97-06-0915<br>97-11-0145 | FARBSTOFF 393<br>L-04<br>OM-57              | *              |  |
| 420-530-1 | 96-06-0824   | LONZACURE M-CDEA-I                          | *              |  |
| 420-540-4 | 96-06-0825   | SUBSTANCE S164185                           |                |  |
| 420-550-9 | 96-06-0828   | QUINAZOLINONE                               |                |  |
| 420-560-3 | 96-07-0097<br>97-07-0127<br>98-05-0325<br>98-16-0003 | SERTRALINE STEP 2                           | *              | (1S-cis)-4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydro-N-methyl-1-naphthalenamine 2-hydroxy-2-phenylacetate  |
| 420-570-8 | 96-06-0831   | C6TF  | *              |  |
| 420-580-2 | 96-06-0834   | P-964                                       | *              |  |
| 420-590-7 | 96-06-0835<br>99-06-1255                             | SUBSTANCE S123386<br>VANQUISH 100           | *              |  |
| 420-600-1 | 96-06-0836   | PERGASCRIP BLACK 20223 AMIDE INTERMEDIATE   | *              |  |
| 420-610-4 | 96-05-0270<br>97-11-0139                             | (S)-(-)-2-ACETOXYPROPIONYL CHLORIDE<br>NONE | *              |  |
| 420-620-9 | 96-06-0839   | DS 6002                                     | *              |  |
| 420-630-3 | 96-06-0842   | CORANOL                                     | *              |  |
| 420-640-8 | 95-03-0325   | VERTREL (R) XF                              | *              |  |
| 420-660-7 | 96-04-0802   | NATRIUM-SUCROSEOCTASULFAT                   |                | octasodium 2-(3,4-bis(sulfonatooxy)-2,5-bis(sulfonatooxymethyl)tetrahydrofuran-2-yloxy)-3,5-bis(sulfonatooxy)-6-sulfonatooxymethyltetrahydropyran-4-oxysulfonate |

| EC Number | Registration Number  | Trade Name   | Classification                                     | Name in the IUPAC Nomenclature                   |
|-----------|--|--|--|--|
| 420-670-1 | 96-06-0830   | METHFAT  | *  |  |
| 420-680-6 | 96-06-0838<br>00-03-0461<br>01-03-0491<br>01-06-1467<br>98-04-1088               | CHEMICAL 10057685<br>PM-2626<br>S 0094<br>SUBSTANCE S174963<br>TRUMP IR DYE          |  |  |
| 420-690-0 | 96-06-0843<br>96-06-0875   | BRL 19440  | *  |  |
| 420-700-3 | 96-06-0844   | BLUE E195  | *  |  |
| 420-710-8 | 96-06-0845   | B2,4DBB  | Repr.Cat.3; R 62<br>Xi; R 38<br>R 43<br>N; R 50-53 | benzyl 2,4-dibromobutanoate                      |
| 420-720-2 | 96-06-0846   | VANLUBE® 887   | *  |  |
| 420-730-7 | 96-03-0346   | UC-135   | *  |  |
| 420-740-1 | 96-06-0847   | 2,4-DICHLORO-3-ETHYL-6-NITROPHENOL   | *  | 2,4-dichloro-3-ethyl-6-nitrophenol               |
| 420-750-6 | 96-06-0848   | EPOCROS(TM) K  |  |  |
| 420-760-0 | 96-06-0849   | UCAR POLYPHOBE THICKENER N   |  |  |
| 420-770-5 | 96-06-0854   | 1,2,4-TRIMETHYLBENZENE-5-SULFONIC ACID   | *  | 1,2,4-trimethylbenzene-5-sulfonic acid dihydrate |
| 420-800-7 | 96-02-0176   | CHLORO-ZIMTALDEHYD BISULPHITE ADDUCT   | *  |  |
| 420-820-6 | 96-05-0272   | WAY-128170   | *  | 5-(2-bromophenyl)-2-tert-butyl-2H-tetrazole      |
| 420-830-0 | 95-03-0304   | PCLPGA   | *  |  |
| 420-850-1 | 95-01-0373   | TR33R  | *  |  |
| 420-860-4 | 96-03-0355   | ACRYLATE ORTHO ESTER   | *  |  |
| 420-870-9 | 96-04-0824<br>00-03-0473   | TPP-K  | *  |  |
| 420-880-3 | 96-01-0398   | LEXMARK ACRYLIC COPOLYMER  |  |  |
| 420-890-8 | 96-01-0399<br>99-06-1214   | LEXMARK ACRYLIC TERPOLYMER   |  |  |
| 420-910-5 | 96-03-0337   | DMP  | *  |  |
| 420-920-1 | 96-03-0334<br>00-04-1224<br>95-04-0788<br>96-01-0411<br>98-06-1085<br>99-04-1206 | C*CAVITRON 82006<br>CAVAMAX W7 HP<br>CAVASOL W7 HP<br>CD-B<br>KLEPTOSE HP<br>TN-9502 |  |  |
| 420-930-4 | 96-04-0842   | DMCI   | *  |  |
| 420-940-9 | 96-04-0808   | LUGALVAN ES 9571   | *  |  |
| 420-950-3 | 96-04-0811   | ORANGE DK 2764   | *  |  |
| 420-960-8 | 96-04-0823   | JOF 2822 5F<br>JOF 2822 5FL<br>JOF 4443  | *  |  |
| 420-970-2 | 96-14-0015<br>96-04-0825<br>98-05-0304   | TCDO<br>TETRACHLORODEKAOXID-KOMPLEX IN WÄSSRIGER<br>LÖSUNG                           |  |  |

| EC Number | Registration Number      | Trade Name   | Classification | Name in the IUPAC Nomenclature   |
|-----------|--------------------------|--|----------------|--|
| 420-980-7 | 96-04-0861               | PRODUKT 1245   | *              |  |
| 420-990-1 | 96-03-0359<br>00-04-1245 | URACROSS P 3307<br>URALAC ZW 3307 P                          | *              |  |
| 421-000-0 | 96-01-0406               | NO. 650 VIOLET   | *              |  |
| 421-010-5 | 96-01-0407               | SPIRORBIS  |                |  |
| 421-020-1 | 96-01-0410               | POSM   | *              |  |
| 421-030-4 | 96-01-0412               | 2-METHYL-1-(3-SULFOPROPYL)NAPHTH[1,2-D]OXAZOLIUM,SEL INTERNE |                | 2-methyl-1-(3-sulfonatopropyl)naphth[1,2-d]oxazolium                   |
| 421-050-3 | 96-03-0358               | ANDROSTADIENEDION NEOPENTYLKETAL                             | *              |  |
| 421-060-8 | 96-07-0099<br>96-07-0100 | CP-127,065   |                | N-[N-[(1,1-dimethylethoxy)carbonyl]-L-alanyl]-L-alanine                |
| 421-080-7 | 96-13-0020               | DCS  | *              |  |
| 421-090-1 | 96-06-0833               | ISODECYL BENZOATE  | *              |  |
| 421-100-4 | 96-03-0361               | NUCLEATOR CP-272   | *              |  |
| 421-110-9 | 96-06-0840               | SUBSTANCE S123492  | *              |  |
| 421-120-3 | 96-06-0850<br>99-03-0442 | DIAK NO. 8   | *              | 1,3,5-tris(2-methyl-2-propenyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione |
| 421-130-8 | 96-06-0857               | DIMETHYLPAPAMIDOLAURDIMONIUM TOSYLATE                        | *              |  |
| 421-140-2 | 96-02-0177<br>98-02-0210 | RSS-4, DRY SUBSTANCE<br>RSS-4, MATIERE SECHE                 |                |  |
| 421-150-7 | 94-04-0696               | ZOLDINE MS-PLUS  | *              | 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine                     |
| 421-160-1 | 95-04-0748               | REACTIVE BROWN 9302  | *              |  |
| 421-170-6 | 95-04-0798               | 5,6-DIHYDROXYINDOLIN.HBR                                     | *              |  |
| 421-180-0 | 96-04-0828               | FARBMITTEL 4185  | *              |  |
| 421-190-5 | 96-06-0851               | LS-157   |                |  |
| 421-200-8 | 96-06-0852               | SIR-159  |                |  |
| 421-210-2 | 96-06-0853               | 2,5-DIPHENYLOXAZOLE-4-SULFONIC ACID                          |                | 2,5-diphenyloxazole-4-sulfonic acid                                    |
| 421-220-7 | 96-06-0859               | JE 127   | *              |  |
| 421-230-1 | 96-06-0863               | EXXATE 600 SOLVENT   | *              |  |
| 421-240-6 | 95-01-0363               | PYRAZOLE MB 45897  | *              |  |
| 421-260-5 | 96-01-0394<br>96-01-0415 | PPT  | *              |  |
| 421-270-1 | 96-01-0401               | PHOTOAMORCEUR 22059  | *              |  |
| 421-280-4 | 96-05-0265               | N-ETHYL ACID   | *              |  |
| 421-290-9 | 96-11-0126               | ORANGE LEP 2471  | *              |  |
| 421-300-1 | 96-07-0101               | TCN INTERMEDIATE   | *              |  |
| 421-310-6 | 96-07-0103<br>96-04-0902 | CP-78,459-1  | *              |  |
| 421-320-0 | 96-07-0104<br>98-06-1106 | CP-89,575  |                | 6-chloro-5-(2-chloroethyl)-1,3-dihydroindol-2-one                      |
| 421-330-5 | 96-07-0105<br>98-06-1100 | CP-94,440  | *              | 6-chloro-1,3-dihydroindol-2-one  |
| 421-340-1 | 96-05-0275               | T-5914 AND 501006025007                                      | *              | 1-benzylimidazolidine-2,4-dione  |
| 421-360-9 | 96-06-0841               | PENTAFLUOROPENTANOL  | *              |  |

| EC Number | Registration Number      | Trade Name  | Classification | Name in the IUPAC Nomenclature                                   |
|-----------|--------------------------|---|----------------|--|
| 421-370-3 | 96-06-0858               | HEXAROSE  | *              |  |
| 421-390-2 | 96-06-0870               | RTD-56  | *              |  |
| 421-400-5 | 96-06-0868               | NELFILCON   |                |  |
| 421-410-1 | 96-06-0861               | BLACK WATER SOLUBLE DYE                           |                |  |
| 421-420-4 | 96-06-0862               | CHEMICAL 10099739                                 | *              |  |
| 421-430-9 | 96-06-0864               | AZOGELB   | *              | 2,6-diamino-3-((pyridine-3-yl)azo)pyridine                       |
| 421-440-3 | 96-05-0276               | YELLOW PE 3260                                    | *              |  |
| 421-450-8 | 96-05-0277               | UVASORB HEB                                       | *              |  |
| 421-460-2 | 96-05-0278<br>96-05-0279 | 2-EPH   | *              | 2-ethylphenylhydrazine hydrochloride                             |
| 421-470-7 | 96-01-0396               | IMEXINE BJ  | *              |  |
| 421-480-1 | 96-01-0403               | CIN 10087813                                      | *              |  |
| 421-490-6 | 96-01-0417               | CIN 10071351                                      | *              |  |
| 421-500-9 | 96-01-0419               | CIN # 10076634                                    | *              |  |
| 421-510-3 | 96-01-0389               | 1,3-PBO   |                |  |
| 421-520-8 | 96-04-0826               | DIAZO SCH 1443                                    | *              |  |
| 421-530-2 | 96-04-0827               | PAB-Z*HCL   | *              |  |
| 421-540-7 | 96-04-0857               | EURENOR 5021                                      | *              |  |
| 421-550-1 | 96-04-0859               | BLENDUR I VP KU 3-4519                            | *              |  |
| 421-560-6 | 96-04-0866               | GELB 071  | *              |  |
| 421-570-0 | 96-04-0872               | 1,4-PENTADIEN-3-ON, 1,5-BIS(3,4-DIMETHOXYPHENYL)- | *              | 1,5-bis(3,4-dimethoxyphenyl)-penta-1,4-dien-3-one                |
| 421-580-5 | 96-03-0360               | CYTOP   |                |  |
| 421-590-1 | 96-06-0865               | TMCH  | *              |  |
| 421-600-2 | 96-06-0876               | ADDITIVE F6                                       | *              |  |
| 421-610-7 | 96-06-0866               | HR-220  |                |  |
| 421-620-1 | 96-06-0867               | DISPERSANT 53182                                  | *              |  |
| 421-630-6 | 96-06-0869               | DISPERSENT 53169                                  | *              |  |
| 421-640-0 | 96-06-0871               | POLYPERINY  | *              |  |
| 421-650-5 | 96-06-0874               | LONZAMON AAAMDEMA 100                             | *              |  |
| 421-660-1 | 96-06-0877               | Z-27  | *              |  |
| 421-670-4 | 96-06-0878               | Z-28  | *              |  |
| 421-680-9 | 96-06-0879<br>00-03-0482 | AMMONIUM AMPS                                     |                | ammonium 2-methyl-2-[(1-oxo-2-propenyl)amino]-1-propanesulfonate |
| 421-690-3 | 96-14-0016               | HN 70101  |                |  |
| 421-700-6 | 96-11-0124<br>97-04-0941 | CA 2272 A   | *              |  |
| 421-710-0 | 96-02-0181               | ARTON   |                |  |
| 421-720-5 | 96-06-0881               | 3,4-DIACETOXY-1-BUTENE                            | *              | 1,2-diacetoxybut-3-ene   |
| 421-730-1 | 96-02-0182               | A-11  |                |  |
| 421-740-4 | 97-05-0280               | 2S4TBP  | *              |  |
| 421-750-9 | 96-04-0812               | TRIOXABICYCLOOCTAN                                | *              | 4,4-dimethyl-3,5,8-trioxabicyclo[5.1.0]octane                    |
| 421-760-3 | 96-04-0829               | UETR 9  |                |  |
| 421-770-8 | 96-04-0844               | CP-336,491  | *              |  |



| EC Number | Registration Number                    | Trade Name  | Classification                                   | Name in the IUPAC Nomenclature  |
|-----------|--|---|--|---|
| 421-780-2 | 96-04-0850                             | A 31  | *  |   |
| 421-790-7 | 96-04-0864                             | EAPOXC  | *  | ethyl propoxy aluminium chloride  |
| 421-800-1 | 96-07-0107                             | MONOALDEHYDE  | *  |   |
| 421-810-4 | 96-06-0872                             | UK 88,861-04  | *  | (S)-2,2-diphenyl-2(3-pyrrolidinyl)acetonitrile hydrobromide   |
| 421-820-9 | 96-06-0886                             | CD 28-0132  | *  |   |
| 421-830-3 | 96-06-0888<br>97-02-0205<br>98-06-1048 | ABH<br>RAN<br>VINCE-LACTAM  | *  |   |
| 421-840-8 | 96-06-0889                             | TREATED CARBON BLACK 11   |  |   |
| 421-850-2 | 96-06-0893                             | ENPTTA<br>R-ETHYLNIEPECOTATE-(L)-TARTARIC ACID SALT   |  |   |
| 421-860-7 | 96-02-0183                             | OS-2200   | *  |   |
| 421-870-1 | 96-02-0184                             | ASIL-322<br>OS-5200   | *  |   |
| 421-880-6 | 96-01-0395                             | S 124668  | *  |   |
| 421-890-0 | 96-01-0418                             | HIGHLINK DM   | *  |   |
| 421-900-3 | 96-01-0426                             | L-GLUTAMYL-HISTAMINE  |  | (S)-4-amino-5-[(2-(1H-imidazol-4-yl)ethyl)amino]-5-oxopentanoic acid  |
| 421-910-8 | 96-01-0432                             | JAUNE TZ 4165   | *  |   |
| 421-920-2 | 96-03-0363                             | DOVERPHOS S-9228  | *  |   |
| 421-930-7 | 96-13-0022                             | TETRAMYL  | *  | A mixture of: 2-(1,1-dimethylpropyl)-5,6,7,8-tetrahydro-9,10-anthraquinone;<br>2-(1,2-dimethylpropyl)-5,6,7,8-tetrahydro-9,10-anthraquinone   |
| 421-940-1 | 96-15-0067<br>97-03-0382               | PDTP  | *  |   |
| 421-950-6 | 96-01-0385                             | Y-104   |  | tetrasodium 3-[4-[4,6-bis-[(3-sulfonatoprop-1-yl)thio]-1,3,5-triazin-2-yl]amino]-2-methyl-5-methoxy-phenyl]azonaphthalene-1,5-disulfonate   |
| 421-960-0 | 96-01-0380                             | FLOCOUMAFEN   | T+; R 26/27/28<br>T; R 48/23/24/25<br>N; R 50-53 | A mixture of: cis-4-hydroxy-3-(1,2,3,4-tetrahydro-3-(4-(4-trifluoromethylbenzyloxy)phenyl)-1-naphthyl)coumarin;<br>trans-4-hydroxy-3-(1,2,3,4-tetrahydro-3-(4-(4-trifluoromethylbenzyloxy)phenyl)-1-naphthyl)coumarin |
| 421-970-5 | 96-06-0885                             | SYL-OFF(R) 7690 (LIS)   |  |   |
| 421-980-1 | 96-04-0822                             | DEPESA  | *  |   |
| 421-990-4 | 96-04-0843                             | PRÄPARAT FFU 641  |  |   |
| 422-000-3 | 96-04-0878                             | TETRABUTYLAMMONIUMEOSINDODECYLAT  | *  | tetra-n-butylammonium 9-(2-dodecanoyloxy-carbonylphenyl)-2,4,5,7-tetrabromo-3-oxo-3H-xanthen-6-olate  |
| 422-010-8 | 96-04-0879                             | ROT SE 0368   | *  |   |
| 422-020-2 | 96-04-0886                             | MDT   |  |   |
| 422-030-7 | 96-04-0892                             | LICRISTAL PCH-2-BROMID  | *  | 1-bromo-4-(trans-4-ethylcyclohexyl)benzene  |
| 422-040-1 | 96-11-0127<br>98-11-0152               | CASSIFFIX   | *  |   |
| 422-050-6 | 96-03-0362<br>96-02-0185<br>97-01-0468 | B1<br>N,N-DIMETHYLANILINUM<br>TETRAKIS(PENTAFLUOROPHENYL)BORATE<br>TÉTRAKIS(PENTAFLUOROPHÉNYL)BORATE DE N,N-DIMÉTHYLANILINIUM | *  |   |

| EC Number | Registration Number                    | Trade Name   | Classification | Name in the IUPAC Nomenclature  |
|-----------|--|--|----------------|---|
| 422-060-0 | 96-02-0186                             | M1   | *              |   |
| 422-070-5 | 96-03-0369                             | AF-623   | *              |   |
| 422-080-1 | 96-02-0189                             | NX-12  |                |   |
| 422-090-4 | 96-02-0188                             | NX-11  | *              |   |
| 422-100-7 | 97-02-0190                             | F-11323  | *              |   |
| 422-110-1 | 96-06-0892<br>98-01-0508               | 10096270<br>ST124AW  | *              |   |
| 422-120-6 | 96-06-0891                             | MYSORAL  | *              |   |
| 422-130-0 | 96-06-0890                             | TREATED CARBON BLACK 5   |                |   |
| 422-140-5 | 97-06-0899                             | SUBSTANCE SC116510   | *              |   |
| 422-150-1 | 96-03-0338                             | ALCAMIZER 5  | *              |   |
| 422-160-4 | 96-03-0350                             | A42  | *              |   |
| 422-170-9 | 96-03-0366                             | SETAL EPC 5792   |                |   |
| 422-180-3 | 96-04-0838<br>96-04-0860<br>98-07-0155 | 3,4-DIFLUORBENZALDEHYD<br>3,4-DIFLUOROBENZALDEHYDE                   | *              |   |
| 422-190-8 | 96-04-0848                             | MANDARIL   | *              | A mixture of: (E)-2,12-tridecadiennitrile;<br>(E)-3,12-tridecadiennitrile;<br>(Z)-3,12-tridecadiennitrile |
| 422-200-0 | 96-04-0851                             | TICA 118   | *              |   |
| 422-210-5 | 96-04-0856                             | T3P  | *              | 2,4,6-tri-n-propyl-2,4,6-trioxo-1,3,5,2,4,6-trioxatriphosphorinane  |
| 422-220-1 | 96-04-0891<br>97-04-0946               | FP-NICOTINALDEHYD  | *              |   |
| 422-230-4 | 96-04-0895                             | STABILISATOR 1026  | *              |   |
| 422-240-9 | 96-04-0896<br>00-06-1365               | CIN 10094329<br>SENSIBILISATOR KF 693 PINA<br>SENSITIZER KF 693 PINA | *              |   |
| 422-250-3 | 97-15-0068<br>97-01-0464               | BCAO<br>DP63   |                |   |
| 422-260-8 | 96-03-0365<br>97-03-0391               | DIOIC ACID<br>DIOIC DCA  | *              |   |
| 422-270-2 | 96-02-0180                             | HFE-7100 3M BRAND SPECIALTY LIQUID                                   |                |   |
| 422-280-7 | 96-01-0427                             | VDM, VINYL DIMÉTHYL AZLACTONE  | *              |   |
| 422-290-1 | 96-01-0431                             | C-867<br>CIN 10016963<br>GREEN SENSITIZING DYE N° 7                  |                |   |
| 422-300-4 | 97-06-0897                             | ARCOSOLV DPTB<br>DPTB<br>DPTB-100                                    |                | 2-(1,1-dimethylethoxy)methylethoxypropan-2-ol   |

| EC Number | Registration Number  | Trade Name  | Classification | Name in the IUPAC Nomenclature  |
|-----------|--|---|----------------|---|
| 422-310-9 | 96-04-0863<br>96-01-0413<br>96-01-0441<br>97-01-0466<br>97-04-0948<br>97-06-0896<br>97-06-1047<br>97-07-0125<br>97-07-0129<br>98-03-0425 | 2-CYANO-4'-METHYLBIPHENYL<br>4'-METHYL BIPHENYL-2-CARBONITRILE<br>4'-METHYL-1,1'BIPHENYL-2-CARBONITRILE<br>4'-METHYL-2-CYANOBIPHENYL<br>4'-METHYLBIPHENYL-2-CARBONITRIL<br>4'-MÉTHYLBIPHÉNYL-2-CARBONITRILE<br>OTBN | *              |   |
| 422-320-3 | 97-06-0903   | HABANOLIDE  | *              |   |
| 422-330-8 | 96-11-0130   | GALBANIFF   | *              |   |
| 422-340-2 | 96-03-0368   | SETALUX EPC 5776  |                |   |
| 422-350-7 | 97-03-0373<br>01-04-1373<br>97-03-0392   | AY 43<br>KBM-3103C  | *              |   |
| 422-360-1 | 97-07-0110<br>97-04-0940<br>97-07-0111   | CP-114,249  | *              |   |
| 422-370-6 | 97-07-0112   | PD 142079   | *              |   |
| 422-380-0 | 97-07-0113   | PD 149834   |                | ethyl 1-cyclopropyl-6,7-difluoro-4-oxo-1,4-dihydroquinoline-3-carboxylate   |
| 422-390-5 | 97-07-0114<br>98-01-0513<br>98-02-0212   | UK-111,975  | *              |   |
| 422-400-8 | 97-07-0115   | PD 132244   |                | A mixture of: (R)-7-[3-(tert-butoxycarbonylamino)pyrrolidin-1-yl]-8-chloro-1-cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-quinoline-3-carboxylic acid;<br>(S)-7-[3-(tert-butoxycarbonylamino)pyrrolidin-1-yl]-8-chloro-1-cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-quinoline-3-carboxylic acid |
| 422-410-2 | 96-02-0187<br>00-06-1357   | OCTYL MERCAPTO TETRAZOLE<br>OCTYLMERCAPTOTETRAZOLE<br>OMT-NA  | *              |   |
| 422-420-7 | 97-03-0374   | PC-5  |                |   |
| 422-430-1 | 97-03-0375   | AE-18   | *              |   |
| 422-440-6 | 97-05-0281   | FURALGLUCITOLO  |                | 2S-(2-furyl)-5R-hydroxy-4R-(1R,2-dihydroxy)ethyl-6S-hydroxymethyl-1,3-dioxane   |
| 422-450-0 | 96-06-0873   | VANILLYLAMINE   | *              |   |
| 422-460-5 | 96-06-0880<br>96-06-0884<br>97-06-0914   | UK-103,442  | *              |   |
| 422-470-1 | 96-06-0883   | CIN 10067729  | *              |   |
| 422-480-4 | 96-06-0887   | AKA DC 24   | *              |   |
| 422-490-9 | 96-06-0895   | SD1-T   |                |   |
| 422-500-1 | 97-02-0191   | AO-FOAMER   | *              |   |
| 422-510-6 | 97-06-0902   | GDPD  |                |   |
| 422-520-0 | 96-04-0874   | CLARITONE   | *              |   |
| 422-530-5 | 96-04-0875   | KBR 2738  | *              |   |

| EC Number | Registration Number                    | Trade Name  | Classification  | Name in the IUPAC Nomenclature   |
|-----------|--|---|---|--|
| 422-540-1 | 96-04-0876                             | DIAZO ER 1400 M   | *   |  |
| 422-550-4 | 97-06-0901                             | METHOXYISOPROPYLAMINE   | *   | 1-methoxy-2-propylamine  |
| 422-560-9 | 97-06-0912                             | QUESTAMIDE H  | *   | N,N'-dihexadecyl-N,N'-bis(2-hydroxyethyl)propanediamide  |
| 422-570-3 | 97-06-0906<br>98-06-1176<br>99-02-0243 | ALPHASAN (TM) ANTIMICROBIAL RC 2000<br>ALPHASAN (TM) ANTIMICROBIAL RC 5000<br>NOVARON<br>SILVER SODIUM HYDROGEN ZIRCONIUM PHOSPHATE | *   |  |
| 422-580-8 | 97-06-0909                             | KHUSINIL  | *   |  |
| 422-590-2 | 97-06-0907                             | QUINCESTER  | *   |  |
| 422-600-5 | 97-05-0282                             | CGL 120   | *   |  |
| 422-610-1 | 97-01-0443                             | ORANGE RUE 80   | *   |  |
| 422-620-4 | 96-03-0370                             | HYDANTOIN HEXACRYLATE   | *   |  |
| 422-630-9 | 97-03-0377<br>99-05-0332               | LONZAMON AATMP<br>SETALUX EPC 4683  |   |  |
| 422-640-3 | 97-03-0379                             | NT-12   |   |  |
| 422-650-8 | 97-03-0371                             | CHLOROPAMI  | *   |  |
| 422-660-2 | 97-03-0376                             | RAC-AMINDA  | *   |  |
| 422-670-7 | 97-06-0910                             | LEXMARK DYE 125   | *   |  |
| 422-680-1 | 97-06-0911                             | NT-10   | *   |  |
| 422-690-6 | 97-06-0922<br>99-04-1193               | MPDIOL POLYESTER A<br>RHENALYD VP86YY   |   |  |
| 422-700-9 | 97-06-0923                             | MPDIOL POLYESTER B  |   | A co-polymer of 2-methyl-1,3-propanediol and neopentylglycol with terephthalic acid, trimellitic anhydride, sebacic acid and adipic acid       |
| 422-710-3 | 97-06-0924                             | MPDIOL POLYESTER C2   |   | A co-polymer of 2-methyl-1,3-propanediol, propylene glycol and diethylene glycol with maleic anhydride, terephthalic acid and isophthalic acid |
| 422-720-8 | 97-06-0925                             | ITC 826 CONCENTRATE   | Muta.Cat.3; R 68<br>Xn; R 22-48/22<br>C; R 34<br>R 43<br>N; R 50-53 | UVCB condensation product of: tetrakis-hydroxymethylphosphonium chloride, urea and distilled hydrogenated C16-18 tallow alkylamine             |
| 422-730-2 | 97-03-0380                             | PVL MARKER SOLID  |   |  |
| 422-740-7 | 97-06-0933                             | MPDIOL POLYESTER D  |   | A co-polymer of 2-methyl-1,3-propanediol, neopentyl glycol, 1,4-butanediol and ethylene glycol with adipic acid and isophthalic acid           |
| 422-750-1 | 97-03-0372<br>97-04-0963               | SX9509<br>TEGO CONDUCT ULTRA  |   |  |
| 422-760-6 | 96-04-0877                             | DIAZO PW 994  | *   |  |
| 422-770-0 | 96-04-0882                             | THPE  | *   |  |
| 422-780-5 | 96-04-0887<br>97-06-1042               | BI 26X-SA<br>TP-4   |   |  |
| 422-790-1 | 96-04-0888                             | DICYCLOPENTADIENBISNAPHTHOCHINONDIAZIDSULF<br>ONSÄUREMETHYLESTER  | *   |  |
| 422-800-2 | 97-04-0904                             | SENSIBILISATOR KF 684 PINA  |   |  |
| 422-810-7 | 97-04-0914                             | 2-FLUOR-4-HYDROXYBENZONITRIL  | *   | 2-fluoro-4-hydroxybenzotrile   |
| 422-820-1 | 97-06-0898                             | S-3384  | *   |  |

| EC Number | Registration Number                                  | Trade Name                      | Classification | Name in the IUPAC Nomenclature   |
|-----------|--|---------------------------------|----------------|--|
| 422-830-6 | 97-06-0900   | PPL ADDITIVE                    | *              |  |
| 422-840-0 | 97-06-0904<br>01-11-0178                             | ANAPEAR                         | *              |  |
| 422-850-5 | 97-06-0905   | BROMIDE 182,780                 | *              |  |
| 422-860-1 | 97-06-0908   | O-SDPD                          |                |  |
| 422-870-4 | 97-06-0913   | S-04                            | *              |  |
| 422-880-9 | 97-06-0916   | CP 33F                          |                |  |
| 422-890-3 | 97-06-0917   | CP 35F                          |                |  |
| 422-900-6 | 97-07-0116   | BMS 182940-01                   | *              |  |
| 422-910-0 | 97-07-0109   | CHLOROTHIADIAZOLE               | *              |  |
| 422-920-5 | 96-01-0390   | RHODORSIL ACCELERATEUR 2025     | *              |  |
| 422-930-1 | 96-01-0409   | JAUNE TZ 4210                   | *              |  |
| 422-940-4 | 96-01-0429<br>97-01-0450                             | SILATRIZOLE                     |                |  |
| 422-950-9 | 96-01-0421<br>96-01-0424<br>97-01-0446<br>97-01-0453 | 1-AMINOCYCLOPENTANE CARBOXAMIDE | *              |  |
| 422-960-3 | 96-01-0436   | PHOTOAMORCEUR 22074             | *              |  |
| 422-970-8 | 97-01-0455   | GRAPHTOL JAUNE SOLIDE GRP       | *              |  |
| 422-980-2 | 97-05-0283   | ORANGE DER 8068                 | *              |  |
| 422-990-7 | 97-06-0939   | MPDIOL POLYESTER C1 HIGH        |                | Co-polymer of 2-methyl-1,3-propanediol and ethylene glycol with maleic anhydride and adipic acid |
| 423-000-6 | 97-06-0940   | MPDIOL POLYESTER C1 LOW         |                | Co-polymer of 2-methyl-1,3-propanediol and ethylene glycol with maleic anhydride and adipic acid |
| 423-010-0 | 97-02-0194   | OS-3200                         | *              |  |
| 423-020-5 | 97-06-0919   | HBTU                            | *              | O-2-(1-H-benzotriazol-1-yl)-1,1,3,3-tetramethyluronium hexafluorophosphate                       |
| 423-030-1 | 97-06-0918   | TELEPHOTO 1                     |                |  |
| 423-040-4 | 97-06-0921   | TBTU                            | *              | 2-(1-H-benzotriazol-1-yl)-1,1,3,3-tetramethyluronium tetrafluoroborate                           |
| 423-050-9 | 97-06-0926   | CBDA                            |                |  |
| 423-060-3 | 97-06-0927   | NT-9                            | *              |  |
| 423-070-8 | 97-03-0381   | KY-RB                           | *              |  |
| 423-080-2 | 97-02-0195   | T001378                         | *              |  |
| 423-090-7 | 97-05-0284<br>97-05-0295                             | KETOENAMINE                     | *              |  |
| 423-100-1 | 97-05-0286   | GREEN KK 80884                  | *              |  |
| 423-110-4 | 96-11-0128   | YELLOW JB 1238                  | *              |  |
| 423-120-9 | 97-11-0133<br>99-06-1292                             | RPC-122                         |                |  |
| 423-130-3 | 97-11-0134<br>99-06-1293                             | RPC-149                         |                |  |
| 423-140-8 | 97-14-0017   | CMMPE                           | *              |  |
| 423-150-2 | 97-06-0946   | TRICYCLOPENTYLPHOSPHINE         | *              | tricyclopentylphosphine  |

| EC Number | Registration Number      | Trade Name                    | Classification  | Name in the IUPAC Nomenclature  |
|-----------|--------------------------|-------------------------------|---|---|
| 423-170-1 | 97-06-0931<br>97-06-0932 | GR101655A<br>MPHS             | *   | bis(N-methyl-N-phenyl-hydrazine)sulfate   |
| 423-180-6 | 97-06-0938               | HFR-990                       | *   |   |
| 423-190-0 | 97-07-0119               | PHOTOSOL 7-222                |   |   |
| 423-200-3 | 94-04-0690<br>97-07-0122 | REACTIVE RED 180 (HYDROLYSED) | *   |   |
| 423-210-8 | 96-04-0885               | KBR 3023                      | *   |   |
| 423-220-2 | 96-04-0889               | PRODUKT 1995                  | *   |   |
| 423-230-7 | 97-04-0923               | DIGLYCERINDIFORMAL (DGDF)     | *   |   |
| 423-240-1 | 96-01-0420               | VPI                           | *   |   |
| 423-250-6 | 96-01-0425               | B20973                        | *   | N-[4-(4-cyano-2-furfurylidene-2,5-dihydro-5-oxo-3-furyl)phenyl]butane-1-sulfonamide |
| 423-260-0 | 97-14-0018               | PYCA.HJ                       | *   |   |
| 423-270-5 | 95-04-0752               | TRILON ES 9964 - PULVER       |   |   |
| 423-290-4 | 96-04-0854<br>97-02-0196 | T 1569<br>T001569             | Muta.Cat.3; R 68<br>N; R 50-53                                    | (3-chlorophenyl)-(4-methoxy-3-nitrophenyl)methanone                                 |
| 423-300-7 | 97-03-0383               | AMIDE #71                     | *   |   |
| 423-310-1 | 97-07-0118               | PGP 'S' SOLUTION              | *   |   |
| 423-320-6 | 97-06-0928               | TERTIARYBUTYLARSINE           | F; R 17<br>T+; R 26   | tert-butylarsine  |
| 423-330-0 | 97-06-0929               | TERTIARYBUTYLPHOSPHINE        | *   | tert-butylphosphine   |
| 423-340-5 | 97-06-0930               | CGI 819                       | *   |   |
| 423-350-1 | 97-06-0934               | COPPER PORPHYRIN              | *   |   |
| 423-360-4 | 97-06-0936               | BB-935                        | *   |   |
| 423-370-9 | 97-06-0937               | OMICURE 52                    |   |   |
| 423-380-3 | 97-06-0951               | RMS-018                       |   |   |
| 423-390-8 | 97-06-0952               | RMS-019                       |   |   |
| 423-400-0 | 97-06-0960               | TEPIC-H                       | Muta.Cat.2; R 46<br>T; R 23<br>Xn; R 22-48/22<br>Xi; R 41<br>R 43 | 1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione      |
| 423-410-5 | 97-06-0962               | R0932                         | *   |   |
| 423-420-1 | 97-06-0948               | LEXQUAT AMG-BEO (CONCENTRATE) | *   |   |
| 423-430-4 | 97-06-0947               | CHROMOFINE BLACK A-1103       |   |   |
| 423-440-9 | 97-03-0378               | TBYT                          | *   |   |
| 423-450-3 | 97-07-0120               | RIBATRIACETYL                 |   |   |
| 423-460-8 | 97-11-0132               | SALICYNALVA                   | *   |   |
| 423-470-2 | 97-11-0136<br>99-06-1291 | RPC-43                        |   |   |
| 423-480-7 | 97-11-0137               | RPC-123                       |   |   |
| 423-490-1 | 96-01-0404               | DISULFURE MB 46307            | *   |   |

| EC Number | Registration Number  | Trade Name  | Classification | Name in the IUPAC Nomenclature   |
|-----------|--|---|----------------|--|
| 423-500-4 | 96-01-0414<br>97-02-0204<br>97-07-0123<br>98-01-0519<br>98-04-1028 | 4'-((2-BUTYL-4-OXO-1,3-DIAZASPIRO[4,4]NON-1-ÈNE-3-YL)MÉTHYL)<br>4'-((2-BUTYL-4-OXO-1,3-DIAZASPIRO[4,4]NON-1-ÉN-3-YL)MÉTHYL)<br>4'-(2-BUTYL-4-OXO-1,3-DIAZASPIRO[4,4]NON-1-ENE-3 YL METHYL)-<br>BIPHENYL-2-CARBONITRILE<br>BIPHÉNYL-2-CARBONITRILE<br>SR 47563 | *              |  |
| 423-510-9 | 96-01-0422<br>98-06-1144   | SUBSTANCE S160143   |                |  |
| 423-520-3 | 96-01-0434   | UVA RAR 1018  | *              |  |
| 423-530-8 | 96-01-0442   | ALIAS FC 102 E<br>M-3225  | *              |  |
| 423-540-2 | 97-01-0451   | SDC 1-0487  | *              |  |
| 423-550-7 | 97-01-0457   | VERT IRGAPHOR CDR   |                |  |
| 423-560-1 | 96-03-0364   | ULTRANOX 641  | *              |  |
| 423-570-6 | 96-03-0339<br>99-03-0439   | P-93  | *              |  |
| 423-580-0 | 97-02-0193   | OS-1200   | *              |  |
| 423-590-5 | 97-07-0124   | PDS-1099  | *              |  |
| 423-600-8 | 97-06-0965   | NAUGARD PS-40   | *              |  |
| 423-610-2 | 97-06-0955   | STRUCTURE SOLANACE  |                | Reaction product of starch, with sodium Z-ethylaminodipropionate   |
| 423-620-7 | 97-06-0966   | SEIKAFast YELLOW A-3  |                | 2-[(2,3-dihydro-1,3-dioxo-1H-isoindol-5-yl)azo]-N-(2,4-dimethylphenyl)-3-oxobutanamide   |
| 423-630-1 | 97-06-0941<br>99-06-1194<br>99-06-1199                             | ETHYL 2-TETRAHYDROFURFURYL ETHER<br>THFE2   | *              |  |
| 423-640-6 | 97-06-0942<br>98-03-0406   | AGARBOIS  | *              | N-ethyl-N-(3-methylphenyl)propionamide   |
| 423-650-0 | 97-06-0945   | SUBSTANCE SC108745  | *              |  |
| 423-660-5 | 97-06-0949   | SL-01   | *              |  |
| 423-670-1 | 97-06-0950   | MMA-10R   | *              | A mixture of: 2-methylnonanedioic acid<br>2,4-dimethyl-4-methoxycarbonylundecanedioic acid<br>2,4,6-trimethyl-4,6-dimethoxycarbonyltridecanedioic acid<br>8,9-dimethyl-8,9-dimethoxycarbonylhexadecanedioic acid |
| 423-680-4 | 97-06-0958   | 2-MERCAPTOTHIAZOLE  | *              | 2-mercaptothiazole   |
| 423-690-9 | 96-04-0899<br>98-04-1020   | EC 2120<br>SENSIBILISATOR KF 641 PINA<br>SENSITIZER KF 641 PINA   | *              |  |
| 423-700-1 | 96-04-0901<br>01-15-0075   | B 2785<br>N-BUTYLDIMETHYLCHLOROSILANE   | *              | butylchlorodimethylsilane  |
| 423-710-6 | 96-03-0367<br>98-04-1041<br>98-06-1090<br>98-06-1177               | APM<br>C-MATE<br>DN-CPM(W)<br>VC-PMG  |                |  |

| EC Number | Registration Number                                  | Trade Name   | Classification | Name in the IUPAC Nomenclature   |
|-----------|--|--|----------------|--|
| 423-720-0 | 97-03-0385   | PHELLODENDRON AMURENSE EXTRACT   |                |  |
| 423-730-5 | 97-06-0970   | EVERZOL ORANGE GSP   | *              |  |
| 423-740-1 | 97-06-0971   | PEONILE  | *              |  |
| 423-750-4 | 97-06-0973   | K-CORR 100   | *              |  |
| 423-760-9 | 97-03-0386   | XC86-251   | *              |  |
| 423-770-3 | 97-05-0285   | BLUE TZ 4312   | *              |  |
| 423-780-8 | 97-05-0288   | POLIFILM K42   |                |  |
| 423-790-2 | 96-04-0898   | REACTIVE NAVY BLUE 9411<br>SUMIFIX SUPRA MARINE BNF GRANULES   | *              |  |
| 423-800-5 | 96-04-0903   | 2-AMINO-5-METHYLTHIAZOL  | *              | 2-amino-5-methylthiazole   |
| 423-810-1 | 97-04-0906   | ANTHALOFARBSTOFF SÄUREROT 483 K PINA   |                |  |
| 423-820-4 | 97-04-0908   | LUMILUX ROT CD 332   |                |  |
| 423-830-9 | 97-04-0910   | O-NITROBENZALDEHYDDIMETHYLACETAL   | *              |  |
| 423-840-3 | 97-04-0913<br>98-04-1027                             | 4-ACETAMINO-TEMPO  | *              |  |
| 423-850-8 | 97-04-0920   | SOB 5414   | *              |  |
| 423-860-2 | 97-04-0925<br>00-01-0632<br>00-04-1284               | DEM<br>DICYCLOHEXANDION-MONOKETAL<br>DICYCLOHEXANEDIONE MONOACETAL   | *              |  |
| 423-870-7 | 97-04-0909   | LUMILUX ROT CD 340   |                |  |
| 423-880-1 | 97-04-0921   | BIS TOB-FF-PARTIALESTER  | *              | Reaction product of bis(5-benzoyl-2,3,4-trihydroxyphenyl)methane and 3-diazo-3,4-dihydro-4-oxonaphthalene-1-sulfonylchloride |
| 423-890-6 | 97-04-0929   | DEPS   | *              |  |
| 423-900-9 | 97-04-0931<br>00-02-0256<br>98-01-0537<br>98-02-0222 | EPSILON-TRIFLUORACETYL-L-LYSIN<br>LYS(TFA)<br>N6-TRIFLUOROACETYL-L-LYSINE<br>TFA-LYS<br>TRIFLUOROACETYL-L-LYSINE |                |  |
| 423-910-3 | 97-04-0938   | SILANOLAT B 1363   | *              | dipotassium [3-(2-aminoethylamino)propyl]methylsilandiolate  |
| 423-920-8 | 97-04-0944   | 4-(4'-HYDROXYPHENYL)-CYCLOHEXANON  | *              | 4-(4-hydroxyphenyl)cyclohexanone   |
| 423-930-2 | 96-04-0847   | MMSA   |                |  |
| 423-940-7 | 96-04-0855<br>97-07-0134<br>98-07-0156               | PACIFIED REACTIVE BLACK 31   | *              |  |
| 423-950-1 | 97-04-0945   | PASSIFLORAN  |                |  |
| 423-960-6 | 97-04-0952<br>97-02-0197                             | CP-84,440<br>UK-84,440   | *              |  |
| 423-970-0 | 97-01-0454   | ORANGE DER 8089  | *              |  |
| 423-980-5 | 97-01-0463   | TMC  |                |  |
| 423-990-1 | 97-11-0143   | PREVENTOL VP OC 3061   | *              | N-cyclohexyl-S,S-dioxobenzo[b]tiophene-2-carboxamide   |
| 424-020-8 | 97-03-0387   | NT-13  |                |  |
| 424-030-2 | 97-06-0977   | OPALAL   | *              | 8,8-dimethyl-7-isopropyl-6,10-dioxaspiro[4,5]decane  |
| 424-040-7 | 97-06-0981   | POLYPERING   | *              |  |
| 424-050-1 | 97-06-0987   | POLYPERINN   | *              |  |



| EC Number | Registration Number                                  | Trade Name                           | Classification   | Name in the IUPAC Nomenclature  |
|-----------|--|--------------------------------------|--|---|
| 424-060-6 | 97-06-0993   | C-23                                 | *  |   |
| 424-070-0 | 97-06-0995   | PLINYL ACETATE                       | *  | 1,2-dimethyl-3-(1-methylethenyl)cyclopentyl acetate   |
| 424-080-5 | 97-06-0980   | HSY-2188                             | *  |   |
| 424-090-1 | 97-06-0975   | DMBA                                 | *  |   |
| 424-100-2 | 97-06-0976   | POTASSIUM HEXAMETHYLDISILAZANE       | *  | potassium bis(trimethylsilyl)amide  |
| 424-110-7 | 97-06-0982<br>00-01-0626<br>97-06-0983<br>98-07-0158 | UK-143,108                           |  | 2-ethoxy-5-(4-methyl-1-piperazynylsulfonyl)benzoic acid   |
| 424-120-1 | 96-04-0893   | VIOLETT MIP 3250                     | *  |   |
| 424-130-6 | 97-04-0905   | NAP R1                               |  |   |
| 424-140-0 | 97-04-0911   | LITHIUM-ISO-PROPOXID                 | *  |   |
| 424-150-5 | 97-04-0924<br>97-01-0484                             | HOE 642 STADE 4<br>S 941230          |  |   |
| 424-160-1 | 97-01-0449<br>97-04-0926                             | A 8342                               | *  |   |
| 424-170-4 | 97-04-0942   | ALPHA G RUTIN PS                     | *  |   |
| 424-180-9 | 97-04-0950   | MIGLYOL 8810                         |  | A mixture of: but-1,3-diyl didecanoate;<br>but-1,3-diyl dioctanoate;<br>but-1,3-diyl 1-decanoate-3-octanoate;<br>but-1,3-diyl 1-octanoate-3-decanoate   |
| 424-190-3 | 97-04-0955   | DIAZO ER 1273                        |  | 2,3,4,4'-tetrakis(6-diazo-5,6-dihydro-5-oxo-1-naphthylsulfonato)benzophenone  |
| 424-210-0 | 97-06-0954   | FADEX HE 1819 PK                     | *  |   |
| 424-220-5 | 97-03-0388   | NT-15                                |  |   |
| 424-230-1 | 97-03-0390   | NT-16                                |  |   |
| 424-240-4 | 97-02-0198   | NORBLOC 7966                         |  |   |
| 424-250-9 | 97-05-0290   | YELLOW MGI 1301                      | *  |   |
| 424-260-3 | 97-05-0291   | SCARLET PE 3948                      | *  |   |
| 424-270-8 | 97-06-0972   | SUBSTANCE S166075                    | *  | A mixture of isomers of: sodium [(2-hydroxyethylsulfamoyl){[2-(2-piperazin-1-ylethylamino)ethylsulfamoyl][2-(4-aminoethylpiperazine-1-yl)ethylsulfamoyl]}(sulfamoyl)}(sulfonatophthalocyaninato)]copper(II) |
| 424-280-2 | 97-06-0961   | (R)-EPICHLOROHYDRIN                  | R 10<br>Carc.Cat.2; R 45<br>T; R 23/24/25<br>C; R 34<br>R 43 | (R)-1-chloro-2,3-epoxypropane   |
| 424-290-7 | 97-06-0969   | SCARLET CLA 881                      | *  |   |
| 424-300-1 | 97-06-0986   | 3,4-DIFLUOROPHENOL                   | *  |   |
| 424-310-4 | 96-01-0423   | BLUE PE 3811                         | *  |   |
| 424-320-9 | 96-01-0428   | MARINE REN 600                       | *  |   |
| 424-330-3 | 96-01-0433   | OLEOYL-TYROSINE                      | *  |   |
| 424-340-8 | 97-06-0974   | PHENYLENEDIAMINE DYE                 | *  |   |
| 424-350-2 | 97-06-0979   | PHTHALOCYANINE PIGMENT               | *  |   |
| 424-360-7 | 97-06-0988   | PLATINUM PLUS® COD PLATINUM DIPHENYL | *  |   |

| EC Number | Registration Number                    | Trade Name                                 | Classification | Name in the IUPAC Nomenclature                                  |
|-----------|--|--|----------------|---|
| 424-370-1 | 97-06-0994                             | ELEFAC I-205                               | *              |   |
| 424-380-6 | 97-06-0996                             | C-24                                       | *              |   |
| 424-390-0 | 95-11-0116<br>98-05-0322               | VPO (PSA) SPRAY DRIED PRECURSOR            | *              |   |
| 424-400-3 | 97-03-0393                             | NIKKOL CP                                  |                | 2,6-O,O-di-hexadecanoyl-L-ascorbic acid                         |
| 424-410-8 | 97-06-0963                             | DOW CORNING(R) 2-7103 CATALYST             | *              | (C14-C30-alkyl)phenyl-3-tolyliodonium trifluoromethanesulfonate |
| 424-420-2 | 97-06-0978                             | AQUA-CERAMIDE                              | *              |   |
| 424-430-7 | 97-06-1005                             | FLEURANTIOL                                | *              |   |
| 424-440-1 | 96-04-0897<br>00-04-1324               | GR 90<br>GR 9020                           |                |   |
| 424-450-6 | 97-04-0917<br>98-04-1057<br>99-01-0565 | 6-BIMS<br>BIBR 277-BIMS<br>BIMS            |                |   |
| 424-460-0 | 97-04-0919<br>00-04-1312               | BIBR 277-MEPDA-P<br>MEPDA-P                | *              |   |
| 424-470-5 | 97-04-0930                             | FX-020M                                    | *              |   |
| 424-480-1 | 97-04-0947                             | OEH 5750                                   |                |   |
| 424-490-4 | 97-04-0953<br>99-02-0252               | PEDT                                       |                |   |
| 424-500-7 | 97-11-0138                             | BLACK JB 1415                              | *              |   |
| 424-510-1 | 97-11-0135                             | BLACK JR 740                               | *              |   |
| 424-520-6 | 97-02-0192                             | OYG-02                                     | *              |   |
| 424-530-0 | 97-02-0200                             | T001486                                    | *              |   |
| 424-540-5 | 97-02-0202                             | FS985                                      | *              |   |
| 424-550-1 | 97-07-0126                             | GAN-V                                      | *              |   |
| 424-560-4 | 97-01-0465<br>97-07-0131<br>98-01-0509 | SR 48001 A                                 | *              | 2-butyl-1,3-diazaspiro[4.4]non-1-en-4-one hydrochloride         |
| 424-580-3 | 97-01-0473                             | 327 QRN                                    |                |   |
| 424-590-8 | 97-01-0477                             | CARBONATE DE CHLORO-1-ETHYLE ET ISOPROPYLE | *              | chloro-1-ethyl isopropyl carbonate                              |
| 424-600-0 | 97-07-0132                             | BMI-70<br>THERMAX MB-7000                  | *              |   |
| 424-610-5 | 97-01-0447                             | FIPRONIL                                   | *              |   |
| 424-620-1 | 97-04-0935                             | TUPH                                       | *              | 1-phenyl-3-(p-toluenesulfonyl)urea                              |
| 424-630-4 | 96-04-0894                             | PIGMENTGELB P-13456                        | *              |   |
| 424-640-9 | 97-04-0939                             | DMPP                                       | *              |   |
| 424-650-3 | 97-05-0289                             | DONOR C20                                  | *              |   |
| 424-660-8 | 97-05-0293<br>99-06-1210               | A-133816.0<br>TVSE                         | *              |   |
| 424-670-2 | 97-05-0294                             | PHENOL 2486                                | *              |   |
| 424-680-7 | 96-01-0437                             | B-22200                                    |                |   |
| 424-690-1 | 97-01-0456<br>97-11-0141               | ORANGE SUP 416                             |                |   |
| 424-700-4 | 97-01-0478                             | ACIDE CÉBRANILIQUE                         | *              | 2-amino-4-bromo-5-chlorobenzoic acid                            |

| EC Number | Registration Number      | Trade Name                                  | Classification | Name in the IUPAC Nomenclature   |
|-----------|--------------------------|---|----------------|--|
| 424-710-9 | 97-07-0133               | BMS 180752-02                               | *              |  |
| 424-720-3 | 97-07-0135               | RECORDING DYE TYPE F                        | *              |  |
| 424-740-2 | 97-02-0201               | T001484                                     | *              |  |
| 424-750-7 | 97-03-0399<br>98-01-0540 | L-TERT-LEUCINE<br>S-TELAC                   |                |  |
| 424-760-1 | 97-03-0401               | ADEKA OPTOMER SP-170P                       | *              |  |
| 424-770-6 | 97-06-0997               | UK-292,068                                  | *              |  |
| 424-780-0 | 97-06-1000               | NQD-BPA                                     | *              |  |
| 424-790-5 | 97-06-1004<br>97-04-0973 | BLACK THERMAL INK-JET DYE                   |                |  |
| 424-800-8 | 97-06-1006               | VT  | *              | 2,4-diamino-6-vinyl-s-triazine   |
| 424-810-2 | 97-06-1007<br>00-06-1446 | Z-VALACICLOVIR                              |                |  |
| 424-820-7 | 97-06-1013               | PDN 4033                                    | *              |  |
| 424-830-1 | 97-06-1015               | HSR AMINE                                   | *              |  |
| 424-840-6 | 97-06-1016               | JPR YR C-101 (SOLID)                        | *              |  |
| 424-850-0 | 97-06-1018               | NAVY ULK 2030                               | *              |  |
| 424-860-5 | 97-06-1032               | TRANSLUZONE                                 | *              |  |
| 424-870-1 | 97-06-0964               | EVERZOL YELLOW GSP                          | *              |  |
| 424-880-4 | 97-06-0990               | NQD-TP-3M                                   | *              |  |
| 424-900-1 | 96-01-0444               | PARSOL 309                                  |                |  |
| 424-910-6 | 97-01-0482               | DT-S1                                       | *              |  |
| 424-920-0 | 97-01-0491               | ORANGE IRGAPHOR 502A<br>SOLVENT ORANGE 502A | *              |  |
| 424-940-1 | 96-01-0435               | B21030                                      |                |  |
| 424-950-4 | 97-01-0476               | 10078755                                    | *              |  |
| 424-960-9 | 97-01-0474               | TOMP-MESYLAT                                |                |  |
| 424-970-3 | 97-03-0389               | SDBR  |                |  |
| 424-980-8 | 97-03-0396               | TRIGONOX 425-C75                            | *              |  |
| 425-000-1 | 97-05-0297               | VALEROPHENONE                               |                | 5-methoxy-4'-(trifluoromethyl)valerophenone  |
| 425-010-6 | 97-05-0298<br>99-05-0342 | T001790                                     |                |  |
| 425-020-0 | 97-05-0299               | CGL 116                                     | *              | reaction products of N,N'-ethane-1,2-diylbis(1,3-propanediamine), cyclohexane, peroxidized 4-butylamino-2,2,6,6-tetramethylpiperidine and 2,4,6-trichloro-1,3,5-triazine |
| 425-030-5 | 97-02-0199               | T001625                                     | *              |  |
| 425-050-4 | 97-02-0203               | SILQUEST (R) Y-4036 SILANE                  | *              |  |
| 425-060-9 | 97-02-0206               | T-6627                                      | *              |  |
| 425-070-3 | 97-03-0395               | NT-17                                       | *              |  |
| 425-080-8 | 97-07-0130               | T001315                                     | *              |  |
| 425-090-2 | 97-06-0992<br>97-06-1041 | SUBSTANCE 1272W94                           |                |  |
| 425-100-5 | 97-06-1022               | B22193                                      |                |  |
| 425-110-1 | 97-06-1021               | NQD-PA                                      | *              |  |
| 425-120-4 | 97-06-1027               | RM23  | *              |  |

| EC Number | Registration Number                                  | Trade Name   | Classification | Name in the IUPAC Nomenclature   |
|-----------|--|--|----------------|--|
| 425-130-9 | 97-11-0149<br>98-06-1102                             | PN-13<br>Q-02  | *              |  |
| 425-140-3 | 98-05-0301   | HYAFF 11P50  |                |  |
| 425-150-8 | 97-04-0912   | 625-TRIKETON   | *              |  |
| 425-160-2 | 97-04-0922   | TRIPLE A   | *              |  |
| 425-170-7 | 97-04-0959   | DIOXOPYRROLOPIPERIDIN  |                | A mixture of: (4aR-cis)-6-benzyl-5,7-dioxooctahydropyrrolo[3,4-b]pyridine;<br>(4aS-cis)-6-benzyl-5,7-dioxooctahydropyrrolo[3,4-b]pyridine                              |
| 425-180-1 | 97-04-0964<br>00-04-1248                             | NA-ASCORBYLPHOSPHAT<br>SODIUM ASCORBYL PHOSPHATE   |                |  |
| 425-190-6 | 97-04-0966<br>97-04-0984                             | BATAM  | *              |  |
| 425-200-9 | 97-03-0402   | MONTAVERDI   |                |  |
| 425-210-3 | 97-03-0398   | AMINDA TA  | *              |  |
| 425-220-8 | 97-03-0400<br>00-06-1414<br>99-02-0244<br>99-06-1257 | ADKSTAB FP-600<br>CR-741<br>FYROLFLEX BDP<br>NCENDX P-30   | *              |  |
| 425-230-2 | 98-05-0302   | LIPOKEL  | *              | (1-hydroxydodecylidene)diphosphonic acid   |
| 425-240-7 | 97-06-0984   | ARCOL CATALYST 3<br>DOUBLE METAL CYANIDE CATALYST  | *              |  |
| 425-250-1 | 97-06-0998<br>98-06-1101<br>98-06-1174               | GR146496X  | *              |  |
| 425-260-6 | 97-06-1017<br>97-02-0207<br>98-06-1098<br>99-06-1245 | 2380W94  | *              |  |
| 425-270-0 | 97-06-1029<br>00-07-0199<br>98-04-1098               | TETRAAMMIN-PALLADIUM-DIHYDROGENCARBONAT<br>TETRAAMMINE PALLADIUM (II) HYDROGEN<br>CARBONATE<br>TETRAMMINE PALLADIUM HYDROGEN CARBONATE | *              |  |
| 425-280-5 | 96-01-0438<br>96-01-0439                             | 4'-BROMOMÉTHYLBIPHÉNYL-2-CARBONITRILE  | *              |  |
| 425-290-1 | 97-01-0486   | B22332.ET3N  |                | 1-(4-hydroxyphenyl)-5-{5-[1,2,3,4-tetrahydro-6-hydroxy-1-(4-hydroxyphenyl)-2,4-dioxypyrimidin-5-yl]penta-2,4-dienylidene}pyrimidinetrione, compound with triethylamine |
| 425-300-2 | 97-04-0936   | FN-68 992  | *              |  |
| 425-310-7 | 97-04-0937   | FN-68 826  | *              |  |
| 425-320-1 | 97-03-0394   | FE-36 BLUSMIDDEL   |                |  |
| 425-330-6 | 97-03-0403<br>99-04-1165                             | DIENONE<br>FULVESTRANT DIENONE (FORMERLY DELTA-6<br>NANDROLONE ACETATE)  | *              |  |
| 425-340-0 | 98-02-0209   | HFE-7200 3M(TM) SPECIALITY LIQUID  | *              |  |
| 425-350-5 | 98-03-0409   | FC-114   | *              |  |
| 425-360-1 | 98-03-0410<br>99-01-0558                             | FC-114B  | *              |  |

| EC Number | Registration Number                    | Trade Name  | Classification | Name in the IUPAC Nomenclature  |
|-----------|--|---|----------------|---|
| 425-370-4 | 98-07-0136                             | FENAL   | *              |   |
| 425-380-9 | 98-07-0137<br>00-07-0194<br>01-03-0485 | DEB-M<br>DEMB   | *              |   |
| 425-390-3 | 98-05-0300                             | ADHESION PROMOTER PK-2247   | *              |   |
| 425-400-6 | 97-06-1002                             | CG 31-1017  | *              |   |
| 425-410-0 | 97-06-1008                             | PE20  |                | A co-polymer of 2-methyl-1,3-propanediol with adipic acid   |
| 425-420-5 | 97-06-1001<br>00-06-1315               | 1819W94   | *              |   |
| 425-430-1 | 97-06-1009<br>99-04-1116               | CYCLOPROPYLACETYLEN<br>SD957  | *              |   |
| 425-440-4 | 97-08-0085                             | ALKYL SUBSTITUTED SILICA GEL  | *              |   |
| 425-450-9 | 96-04-0881                             | CYCLODODECANE, TETRA-AZA (1,4,7,10)   | *              |   |
| 425-460-3 | 97-04-0949                             | SCHWARZSÄUREHARNSTOFF   | *              |   |
| 425-470-8 | 97-04-0972                             | AGK 4373  | *              |   |
| 425-490-7 | 97-01-0488                             | INTERMEDIATE 8857-4   |                | 3',7'-di(cyclopropylmethyl)spiro(cyclopentane-1,9'-(3',7')diazabicyclo(3.3.1)nonane-2',4',6',8'-tetrone     |
| 425-500-1 | 97-01-0485                             | BB-3716   | *              |   |
| 425-510-4 | 97-01-0490                             | UK-81,786-57  | *              | (S)-1-[2-tert-butoxycarbonyl-3-(2-methoxyethoxy)propyl]-1-cyclopentanecarboxylic acid, cyclohexylamine salt |
| 425-530-3 | 97-06-1034<br>99-01-0586               | REBOXETINE METHANESULPHONATE INTERMEDIAIRE VI<br>REBOXETINE METHANESULPHONATE INTERMEDIATE VI | *              |   |
| 425-540-8 | 97-06-1020                             | PC-METHACRYLATE POLYMER   | *              |   |
| 425-550-2 | 97-06-1023                             | HYDROXYESTER 2486   |                |   |
| 425-560-7 | 97-06-1025                             | RM257   | *              |   |
| 425-570-1 | 97-06-1030                             | GEORGYWOOD  | *              |   |
| 425-580-6 | 97-06-1043                             | LB5BT   | *              |   |
| 425-590-0 | 98-06-1050                             | SUBSTANCE SC101743  |                |   |
| 425-600-3 | 98-06-1049<br>01-02-0302               | TPH-PA<br>TRISTER   | *              |   |
| 425-610-8 | 98-06-1052                             | 3940W92   | *              |   |
| 425-620-2 | 98-06-1054                             | PDN 2899  |                |   |
| 425-630-7 | 98-06-1056                             | TAIRAWHITI MANUKA OIL   | *              |   |
| 425-640-1 | 97-06-1003                             | M743BU  |                |   |
| 425-650-6 | 97-06-1014<br>98-01-0524<br>98-01-0539 | 2506U90   | *              |   |
| 425-660-0 | 97-06-1019                             | INCOZOL 2   | *              |   |
| 425-670-5 | 97-06-1024                             | ACETATE 66082   |                |   |
| 425-680-1 | 97-06-1026<br>97-06-1045               | SUBSTANCE 717W91  | *              |   |
| 425-690-4 | 97-06-1033                             | DP5000  | *              |   |

| EC Number | Registration Number                    | Trade Name  | Classification | Name in the IUPAC Nomenclature   |
|-----------|--|---|----------------|--|
| 425-700-7 | 97-06-1035                             | JPR BK C-201 (Y)  | *              |  |
| 425-710-1 | 97-06-1036                             | SUBSTANCE DS6017  | *              |  |
| 425-720-6 | 97-06-1040                             | NQD-TP-26   | *              |  |
| 425-730-0 | 97-06-1038                             | NRD-76D   | *              |  |
| 425-740-5 | 97-11-0148                             | BLACK JB 1606   | *              |  |
| 425-750-1 | 98-03-0408                             | O-100   |                |  |
| 425-760-4 | 98-05-0303                             | BENZIMIDAZOLE PROPYLAMINE   | *              |  |
| 425-770-9 | 97-01-0499                             | CHLOROFORMIATE DE CHLORO 3 PROPYLE  | *              | 3-chloropropyl chloroformiate  |
| 425-780-3 | 98-07-0139                             | PD138153  |                | tert-butyl (4R)-cis-6-cyanomethyl-2,2-dimethyl-1,3-dioxane-4-acetate                                       |
| 425-790-8 | 98-07-0142                             | UK-8,793  | *              | 1-(2-chloroethoxy)-4-nitrobenzene  |
| 425-800-0 | 98-06-1060<br>98-07-0143               | UK-67,787-01  | *              | N-methyl-4-nitrophenethylamine hydrochloride   |
| 425-810-5 | 98-07-0144                             | D4TII<br>OXETANE  | *              |  |
| 425-820-1 | 98-07-0145                             | UK-48,340   | *              | 3-ethyl 5-methyl 2-(2-aminoethoxymethyl)-4-(2-chlorophenyl)-1,4-dihydro-6-methyl-3,5-pyridinedicarboxylate |
| 425-830-4 | 98-05-0305                             | YELLOW KK 81700   | *              |  |
| 425-840-9 | 98-07-0138                             | BMS 183040-01   |                | (+/-)-cis-3-acetoxy-4-phenylazetidine-2-one  |
| 425-850-3 | 98-07-0140<br>98-04-1025               | 4-(4-F-PHENYL)-4-OXO-3-PHENYL-2-ISOBUTYRYL-N-PHENYLBUTANAMID<br>PD132411    | *              |  |
| 425-860-8 | 98-07-0141<br>98-04-1037<br>98-07-0167 | BIBEA<br>PD 132408  | *              |  |
| 425-870-2 | 97-06-1010                             | CA 2209A  | *              |  |
| 425-880-7 | 97-06-1012                             | RM305   | *              |  |
| 425-890-1 | 98-06-1055                             | ACETONIDE ACID  | *              |  |
| 425-900-4 | 98-06-1057                             | TREATED CARBON BLACK 14   |                |  |
| 425-910-9 | 98-06-1058                             | DIHYDRO FARNESAL  | *              |  |
| 425-920-3 | 98-06-1068                             | INTERMEDIATE 543978   | *              |  |
| 425-930-8 | 97-02-0208                             | S,S-BENZYLPIRROLOPIPERIDINE   | *              |  |
| 425-940-2 | 98-03-0411                             | FLS-507   |                |  |
| 425-950-7 | 98-05-0306                             | CGF-C 1607  | *              |  |
| 425-960-1 | 98-05-0308                             | ACA 250 POLYMER SOLID   |                |  |
| 425-970-6 | 97-01-0458<br>01-01-0647               | ACL (CHLOROMETHYLENE DIMETHYLIMINIUM<br>CHLORIDE)<br>SEL DE VILSMEIER-HAACK | *              | chloro-N,N-dimethylformiminium chloride  |
| 425-980-0 | 97-01-0459                             | ASCORBIC ACID 2-GLUCOSIDE   |                |  |
| 425-990-5 | 97-01-0489                             | B-21588   | *              |  |
| 426-000-4 | 97-01-0502                             | PARSOL SLX  |                |  |
| 426-010-9 | 98-01-0505                             | PTH-CARBAESTER  |                |  |
| 426-020-3 | 97-06-0991                             | DOWICIL* 150 ANTIMICROBIAL<br>DOWICIL* 200 ANTIMICROBIAL                    | *              |  |
| 426-030-8 | 98-06-1051                             | 9,10-ANTHRACENEDIOL, DISODIUM SALT  | *              | disodium 9,10-anthracenedioxide  |

| EC Number | Registration Number                    | Trade Name                                      | Classification | Name in the IUPAC Nomenclature  |
|-----------|--|---|----------------|---|
| 426-040-2 | 97-06-1037                             | SR-245  |                | 2,4,6-tris(2,4,6-tribromophenoxy)-1,3,5-triazine  |
| 426-050-7 | 97-06-1046                             | UNISOL LIQUID RED 1487                          | *              |   |
| 426-060-1 | 97-06-1039                             | SUBSTANCE S166762                               |                |   |
| 426-070-6 | 98-06-1053                             | UK-66,418-15                                    | *              |   |
| 426-080-0 | 98-06-1059                             | NQD-PAR   |                |   |
| 426-090-5 | 98-06-1061                             | SC-188  |                |   |
| 426-100-8 | 98-06-1064                             | BSC495 COMPLEXED AMINE                          | *              |   |
| 426-110-2 | 97-04-0968                             | CPT   | *              |   |
| 426-120-7 | 97-04-1005                             | GOE 1261-E<br>PD 099263-0006<br>TILIDINPHOSPHAT | *              |   |
| 426-130-1 | 98-06-1062                             | CAMONAL   | *              | A mixture of: cis-2-isobutyl-5-methyl 1,3-dioxane;<br>trans-2-isobutyl-5-methyl 1,3-dioxane |
| 426-140-6 | 98-06-1065                             | DSDP  | *              |   |
| 426-150-0 | 98-06-1067                             | DURAZONE 37                                     | *              |   |
| 426-160-5 | 98-06-1070                             | MS  |                |   |
| 426-170-1 | 98-06-1073                             | HECMA   |                |   |
| 426-180-4 | 98-06-1074<br>99-06-1272               | OM-69<br>S-06                                   | *              |   |
| 426-190-9 | 98-06-1077                             | FAT 41023                                       | *              |   |
| 426-200-1 | 98-06-1083<br>98-06-1086               | 26U90<br>LSM4736                                | *              |   |
| 426-210-6 | 98-03-0412                             | CLEARFRAC J508B                                 | *              |   |
| 426-220-0 | 98-07-0149                             | PHOTOSOL 7-114                                  |                |   |
| 426-230-5 | 98-07-0147                             | PHOTOSOL 5-68                                   |                |   |
| 426-240-1 | 98-07-0148                             | PHOTOSOL 7-49                                   | *              |   |
| 426-250-4 | 98-07-0150                             | PHOTOSOL 7-106                                  |                |   |
| 426-260-9 | 98-03-0413                             | DIAZONAPHTHOQUINONE                             | *              |   |
| 426-270-3 | 96-04-0884                             | LACTOBIONKOKOSAMID                              | *              | cocoalkyl (4-O -D-galactopyranosyl)-D-gluconamides  |
| 426-280-8 | 97-04-0954                             | QUARTERNÄRES<br>AMMONIUMPERFLUORALKYLCARBOXYLAT | *              |   |
| 426-290-2 | 97-04-0961<br>98-04-1089               | GAMMANAP  | *              |   |
| 426-300-5 | 98-04-1023<br>98-04-1062<br>99-04-1163 | AE F140392<br>IMBSK                             | *              |   |
| 426-310-1 | 97-04-0971                             | LC 270  | *              |   |
| 426-320-4 | 97-04-1008                             | Z,L-TYROSINESTER                                |                | methyl N-benzyloxycarbonyl-L-tyrosinate   |
| 426-330-9 | 97-04-1002<br>97-04-1009               | PYRIDYLACROLEIN                                 | *              |   |
| 426-340-3 | 98-04-1018                             | NSK-100   |                |   |
| 426-350-8 | 98-05-0310<br>98-05-0327               | KLOBENPROP                                      | *              | potassium 2-chloro-3-(benzyloxy)propionate  |
| 426-360-2 | 98-05-0309                             | BOPTA   | *              |   |

| EC Number | Registration Number                    | Trade Name  | Classification | Name in the IUPAC Nomenclature  |
|-----------|--|---|----------------|---|
| 426-370-7 | 98-05-0311                             | SOLE 3  | *              |   |
| 426-380-1 | 98-03-0417                             | AF-410  |                |   |
| 426-390-6 | 97-01-0498                             | HM-CATALYST 403AA-AP<br>K 403<br>METOCENE CHEMICAL 403AA-AP01   | *              |   |
| 426-400-9 | 97-01-0483                             | RED RA 10463  | *              |   |
| 426-410-3 | 97-01-0492                             | HM-CATALYST 389AA-CP<br>K 389<br>METOCENE CHEMICAL 389 AA-CP 01   | *              |   |
| 426-420-8 | 97-01-0496                             | HM-CATALYST 067AA-CP<br>K 67  | *              |   |
| 426-430-2 | 97-01-0475                             | HM CATALYST 417 AA-OB 22<br>K 417   | *              |   |
| 426-440-7 | 97-01-0500                             | HM-CATALYST 245AA-CP<br>K 245   | *              |   |
| 426-450-1 | 98-07-0146                             | S-ACID  | *              |   |
| 426-460-6 | 97-04-0996                             | 4-(4-ETHYLCYCLOHEXYL)-ACETOPHENON   | *              | 1-(4-(trans-4-ethylcyclohexyl)phenyl)ethanone                             |
| 426-470-0 | 97-04-1004                             | DIFPAS  | *              |   |
| 426-480-5 | 97-04-0943                             | UKANOL RD   | *              |   |
| 426-490-1 | 98-03-0415                             | GM-35K  | *              |   |
| 426-500-2 | 98-03-0416                             | R-GLYTO   | *              |   |
| 426-510-7 | 98-03-0419                             | SETAL EPC 6953  | *              |   |
| 426-520-1 | 98-14-0020                             | SACA.NA   | *              |   |
| 426-530-6 | 98-11-0150                             | OZOFLEUR  | *              |   |
| 426-550-5 | 97-01-0480                             | F1  | *              | 9,9-dimethyl-N,N-bis(4-methylphenyl)-9H-fluoren-2-amine                   |
| 426-580-9 | 98-03-0414                             | POLYAMIDE RESIN   |                |   |
| 426-590-3 | 98-03-0420<br>98-06-1082               | MCP 1441<br>MCP 1551  | *              |   |
| 426-600-6 | 98-07-0153                             | CP-319,755  | *              | 1-[4-(2-dimethylaminoethoxy)phenyl]-2-phenylbutan-1-one                   |
| 426-610-0 | 98-03-0421                             | INYL  | *              |   |
| 426-620-5 | 98-04-1036<br>98-03-0422               | AE F141158  | *              |   |
| 426-690-7 | 98-04-1011                             | ANTIHALOFARBSTOFF OXONOLROT 536 PINA  | *              |   |
| 426-700-1 | 98-04-1029                             | ROYALANIL   |                |   |
| 426-710-4 | 98-06-1063                             | HSR-2310  | *              |   |
| 426-720-9 | 98-06-1066                             | ODB-7   |                |   |
| 426-730-3 | 98-06-1076<br>00-07-0198<br>98-04-1022 | TETRAAMMIN-PLATIN(II)-DIHYDROGENCARBONAT<br>TETRAAMMINE PLATINUM (II) HYDROGEN<br>CARBONATE<br>TETRAMMINE PLATINUM HYDROGEN CARBONATE | *              |   |
| 426-740-8 | 98-06-1079                             | CP-141,845-27   | *              | (1 5 6 )-6-nitro-3-benzyl-3-azabicyclo[3,1,0]hexane methanesulfonate salt |
| 426-750-2 | 98-06-1094                             | CP-126,807  | *              |   |
| 426-770-1 | 97-04-0974                             | LITHIUMMANGANAT-13070   |                |   |
| 426-810-8 | 97-04-0958                             | 5-(3-PYRIDYL)-TETRAZOL  | *              | 3-(2H-tetrazol-5-yl)pyridine  |



| EC Number | Registration Number                    | Trade Name   | Classification | Name in the IUPAC Nomenclature  |
|-----------|--|--|----------------|---|
| 426-820-2 | 97-04-0995                             | 4-(4-HEPTYLCYCLOHEXYL)-ACETOPHENON                               | *              | 1-(4-(trans-4-heptylcyclohexyl)phenyl)ethane  |
| 426-830-7 | 97-04-0997                             | 4-(4-PENTYLCYCLOHEXYL)-ACETOPHENON                               | *              | 1-(4-(trans-4-pentylcyclohexyl)phenyl)ethanone  |
| 426-840-1 | 97-01-0460                             | SCARLET RN 1165  | *              |   |
| 426-850-6 | 97-01-0467                             | DCMDB  | *              |   |
| 426-860-0 | 97-01-0495                             | BLUE REN 535   | *              |   |
| 426-870-5 | 98-01-0515                             | YELLOW DO 2793   |                |   |
| 426-880-1 | 98-01-0514                             | CIN-10081871   |                |   |
| 426-890-4 | 98-01-0520                             | PHYSCOOL   | *              |   |
| 426-910-1 | 97-01-0481                             | PI   | *              |   |
| 426-920-6 | 97-01-0501                             | C-1543   |                | 3-(5,6-dimethoxy-1,3-benzothiazol-3-yl-3-ium)propane-1-sulfonate  |
| 426-940-5 | 98-06-1069                             | OM-65  | *              |   |
| 426-950-1 | 98-06-1080                             | TRICLOPYR (TM) ETHYL ESTER                                       | *              |   |
| 426-960-4 | 98-06-1081                             | RETINYL LINOLEATE  | *              | retinyl linoleate   |
| 426-970-9 | 98-06-1084                             | MOXALONE   | *              |   |
| 426-980-3 | 98-06-1087                             | TETRAMMINE PALLADIUM SULFATE                                     | *              | tetraamminopalladium sulfate  |
| 426-990-8 | 98-06-1089                             | NIR-AM1  |                |   |
| 427-010-1 | 98-06-1092                             | T-188  | *              |   |
| 427-020-6 | 98-01-0510<br>98-06-1093               | CFNPC  | *              |   |
| 427-030-0 | 98-06-1095                             | NAUGALUBE 531  | *              |   |
| 427-040-5 | 98-06-1096                             | IH900  | *              |   |
| 427-050-1 | 98-06-1097                             | FSH, MR-10B  | *              |   |
| 427-060-4 | 98-06-1103                             | CIN: 10073171  |                |   |
| 427-070-9 | 98-06-1108                             | KC-48  | *              |   |
| 427-190-1 | 98-02-0213                             | M55  | *              |   |
| 427-270-6 | 97-04-0987                             | OEH 6823   |                |   |
| 427-280-0 | 98-04-1014                             | BASAZOL C VIOLETT PR 8055  | *              |   |
| 427-290-5 | 98-04-1021                             | BRD303   |                |   |
| 427-310-2 | 97-04-0986                             | SAH 114  | *              |   |
| 427-320-7 | 97-04-0998                             | 4-(4-BUTYLCYCLOHEXYL)-ACETOPHENON                                | *              | 1-(4-(trans-4-butylcyclohexyl)phenyl)ethanone   |
| 427-330-1 | 98-04-1012<br>98-04-1060<br>98-04-1091 | 2-PIPERIDINOBENZONITRIL<br>2-PIPERIDINYLBENZONITRIL<br>PB-NITRIL | *              | 2-piperidin-1-yl-benzonitrile   |
| 427-340-6 | 98-04-1042                             | VAD  |                | 14- -hydroxyandrost-4-ene-3,17-dione  |
| 427-350-0 | 98-04-1044                             | UVINUL 4040 P  | *              |   |
| 427-380-4 | 98-01-0504                             | HM-CATALYST 346AA-ACO2<br>K 346<br>METOCENE CHEMICAL 346 AA-ACO2 | *              |   |
| 427-390-9 | 98-01-0507                             | SUBSTANCE S171393  | *              | complex of cobalt(III)-bis(N-phenyl-4-(5-ethylsulfonyl-2-hydroxyphenylazo)-3-hydroxynaphthylamide), hydrated (n H2O, 2<n<3) |
| 427-400-1 | 97-01-0493                             | FPB 800  | *              | 2,6-dichloro-1-fluoropyridiniumtetrafluoroborate  |
| 427-410-6 | 98-01-0516                             | SILATRIPHEN  |                |   |
| 427-440-1 | 98-04-1024<br>98-05-0324               | MMBC   | *              |   |

| EC Number | Registration Number      | Trade Name  | Classification | Name in the IUPAC Nomenclature  |
|-----------|--------------------------|---|----------------|---|
| 427-470-3 | 95-04-0751               | PBS 857 DS  | *              |   |
| 427-480-8 | 98-04-1013               | BASAZOL C BLAU PR 8056                                      | *              |   |
| 427-630-2 | 97-04-1007               | ECPA  | *              | ethyl 2-ethoxy-4-carboxymethylbenzoate  |
| 427-700-2 | 98-04-1019<br>98-03-0424 | TRIETHYLARSENAT<br>TRIETHYLARSENATE (TEASAT)                | *              | triethyl arsenate   |
| 427-740-0 | 97-01-0497<br>99-06-1246 | EXPERIMENTAL PHOSPHOTERIC 56002                             | *              |   |
| 427-750-5 | 98-01-0506               | AMBRETTOLIDE CIS ISO  |                | A mixture of: (Z)-oxacycloheptadec-11-en-2-one;<br>(E)-oxacycloheptadec-11-en-2-one   |
| 427-800-6 | 98-04-1046<br>98-14-0022 | 4-ALLYLOXYBENZONESÄURE-(4-CHOLESTERIN)ESTER                 | *              | cholesteryl 4-allyloxybenzoate  |
| 427-870-8 | 98-06-1107               | FAT 91200   | *              |   |
| 427-880-2 | 98-06-1117               | M.A. 176,334  | *              |   |
| 428-030-3 | 98-02-0211               | ELUBIOL<br>R039520  | *              |   |
| 428-040-8 | 96-04-0883               | PREVENTOL VP OC 3059  | *              |   |
| 428-060-7 | 98-06-1091               | MCP-1596  |                |   |
| 428-220-6 | 97-04-0969               | OM-77   | *              |   |
| 428-230-0 | 97-04-0981               | APP   | *              |   |
| 428-240-5 | 98-04-1010               | ODH 7074  | *              |   |
| 428-290-8 | 97-04-0975               | BM 96.0258.HCL  | *              | benzyl-N-(2-(2-methoxy-phenoxy)-ethyl)amine hydrochloride   |
| 428-300-0 | 97-04-0988<br>99-06-1249 | FOTOGRAFISCHER FARBSTOFF KF 654 B PINA<br>SUBSTANCE S175139 | *              |   |
| 428-510-2 | 97-04-0992               | LC 345  | *              |   |
| 428-520-7 | 97-04-0978               | OM-76   | *              |   |
| 428-530-1 | 97-04-0990               | BIS TOB-F6-PARTIALESTER                                     |                |   |
| 428-540-6 | 97-04-0962               | PERYSYN P   | *              |   |
| 428-550-0 | 98-04-1015<br>01-04-1341 | ARGOPHAN S<br>ARGOPHAN S REAKTIONSPRODUKT                   |                |   |
| 428-560-5 | 98-04-1017               | AGK 4172  |                |   |
| 428-580-4 | 98-04-1033               | ZEON-L-2(P)   |                | poly[(tricyclo[5.2.1.0(2,6)]decane-3,5-diethylene)-co-(bicyclo[3.3.0]octane-2,4-diethylene)-co-(tricyclo[6.4.0.0(2,6)]dodecane-3,5-diethylene)] |
| 428-590-9 | 98-04-1034               | ZEON-MTF(P)   |                |   |
| 428-620-0 | 97-04-0927               | PMB-2   | *              |   |
| 428-630-5 | 98-04-1040               | BECROSAN 6920   | *              |   |
| 428-960-1 | 97-04-0951               | PBO FIBER<br>ZYLON  |                |   |
| 428-970-4 | 98-04-1031               | BISPHENOL-M   | *              |   |
| 428-980-9 | 98-04-1035               | ZEON-L-1(P)   |                |   |
| 429-000-2 | 98-04-1045<br>98-14-0023 | 4-ALLYLOXYBENZONESÄURE-(4-METHACRYLOYL)PHENYLESTER          | *              | 4-(2-methylacryloyloxy)phenyl 4-allyloxybenzoate  |
| 429-090-3 | 98-04-1026               | 2,2'-AZOBIS(2-METHYL-N-(2-HYDROXYETHYL)PROPIONAMID)         | *              | 2,2'-azobis[N-(2-hydroxyethyl)-2-methylpropionamide]  |
| 429-180-2 | 97-04-1000               | S160441   | *              |   |

| EC Number | Registration Number      | Trade Name  | Classification | Name in the IUPAC Nomenclature  |
|-----------|--------------------------|---|----------------|---|
| 429-200-1 | 97-04-0991               | IDS, NA-SALZ  | *              |   |
| 429-320-2 | 98-03-0405               | TRIGONOX 301  | *              |   |
| 429-340-1 | 97-04-0956               | SOKALAN BM  | *              |   |
| 429-380-1 | 94-03-0287               | KY-AF   | *              |   |
| 429-390-4 | 93-03-0269               | TECHMORE VG 3101L   |                |   |
| 429-480-3 | 97-04-1003               | LUMILUX ROT CD 316  |                |   |
| 429-570-2 | 97-04-0999               | B 44000   | *              |   |
| 429-580-7 | 97-04-1006               | 1-(TRANS, TRANS-4'-(3-BUTENYL)-BICYCLOHEXYL-4-YL)-4-METHYLBEN |                | (trans(trans))-4'-but-3-enyl-4-(4-methylphenyl)-bicyclohexyl  |
| 429-590-1 | 98-04-1038               | T 3033  | *              |   |
| 429-720-7 | 97-04-0976               | SD-7  | *              |   |
| 429-740-6 | 98-04-1039<br>99-04-1164 | CLETOPROPAMINHYDROCHLORID                                     | *              | (2-chloroethyl)(3-hydroxypropyl)ammonium chloride   |
| 429-760-5 | 97-04-0983               | T-1042  | *              |   |
| 429-800-1 | 94-04-0695               | SUMILARV  | *              |   |
| 430-070-1 | 92-04-0524               | WOGENALSCHWARZ CG   | *              | A mixture of: pentasodium 3-(4-(4-(7-(2,4-diamino-5-sulfonato-3-(4-sulfonatophenylazo)phenylazo)-1-hydroxy-3-sulfonatophthalen-2-ylazo)-2-sulfonatophenylamino)phenylazo)-4-hydroxy-6-(2-oxo-1-phenylcarbamoylpropylazo)naphthalene-2-sulfonate; pentasodium 6-((2,4-diamino-5-sulfonatophenyl)azo)-3-((4-((7-((2,4-diamino-5-sulfonatophenyl)azo)-1-hydroxy-3-sulfonatophthalen-2-yl)azo)phenyl)amino)-2-sulfonatophenyl)azo)-4-hydroxynaphthalene-2-sulfonate; pentasodium 6-((2,4-diamino-5-sulfonato-3-((4-sulfonatophenyl)azo)phenyl)azo)-3-((4-((1,7-dihydroxy-3-sulfonatophthalen-2-yl)azo)-2-sulfonatophenyl)amino)phenyl)azo)-4-hydroxynaphthalene-2-sulfonate; hexasodium 6-((2,4-diamino-5-sulfonatophenyl)azo)-3-((4-((7-((2,4-diamino-5-sulfonato-3-((4-sulfonatophenyl)azo)phenyl)azo)-1-hydroxy-3-sulfonatophthalen-2-yl)azo)-2-sulfonatophenyl)amino)phenyl)azo)-4-hydroxynaphthalene-2-sulfonate |
| 430-080-6 | 97-04-0957               | DI-(TCD-METHYLOL)-ADIPAT                                      | *              | A mixture of: 1,6-bis((3aR,4S,5S (or R),7S,7aR)-1-(octahydro-4,7-methano-1H-inden-5-yl)methyl)hexan-1,6-dioate<br>1,6-bis((3aS,4S,5S (or R),7S,7aS)-1-(octahydro-4,7-methano-1H-inden-5-yl)methyl)hexan-1,6-dioate  |
| 430-280-3 | 98-04-1030               | PRODUKT 1997  | *              |   |
| 431-370-5 | 98-04-1016               | BP3B  | *              |   |
| 431-610-9 | 97-04-0934               | LUPEROX 570   | *              | 1,1-dimethylpropyl 3,5,5-trimethylperoxyhexanoate   |
| 432-060-2 | 97-04-0916               | NEOFLOX ETFE  |                | poly(1-pentene-2,3,3,4,4,5,5-heptafluoro-co-ethene-co-tetrafluoroethene)  |