

**Apsom Technologies (India) PVT. LTD.**

# **CERTIFICATION**

- **Oeko-Tex Standard 100**
- **EU REACH**

**Supplier:** KONICA MINOLTA, INC.  
**Address:** No.1 Sakura-machi, Hino-shi, Tokyo 191-8511, Japan  
**Product Description:** Reactive Dye Ink TYPE-P: Yellow / Extra magenta / Cyan  
Black / Gray / Sky / Blue / Pink  
Orange

Konica Minolta, Inc., herewith confirm that the above mentioned products comply with Oeko-Tex Standard 100 and EU REACH (EC) 1907/2006.

- a. Oeko-Tex Standard 100 Appendix 5 (Table 1)
- b. EU REACH: Appendix 8 of Annex XVII (Table 2)  
REACH SVHC (Table 3)

**Issuer:** KONICA MINOLTA, INC.  
**Place / date:** No.1 Sakura-machi, Hino-shi, Tokyo 191-8511, Japan  
July 1, 2014

**Legally binding signature:**

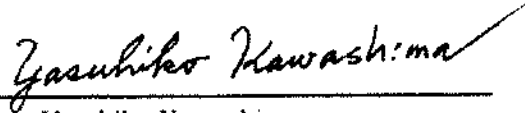
  
Yasuhiko Kawashima  
General Manager  
Quality Assurance Division  
Inkjet Business Unit

Table 1 (Oeko-Tex Standard 100 Appendix 5)

| Pesticides                              |   |                                  |            |
|---|---|----------------------------------|------------|
| Name                                    | CAS-Nr.                                     | Name                             | CAS-Nr.    |
| 2,4,5-T                                 | 93-76-5                                     | Fenvalerate                      | 51630-58-1 |
| 2,4-D                                   | 94-75-7                                     | Heptachlor                       | 76-44-8    |
| Azinophosmethyl                         | 86-50-0                                     | Heptachloroepoxide               | 1024-57-3  |
| Azinophosethyl                          | 2642-71-9                                   | Hexachlorobenzene                | 118-74-1   |
| Aldrine                                 | 309-00-2                                    | Hexachlorcyclohexane, $\alpha$ - | 319-84-6   |
| Bromophos-ethyl                         | 4824-78-6                                   | Hexachlorcyclohexane, $\beta$ -  | 319-85-7   |
| Captafol                                | 2425-06-1                                   | Hexachlorcyclohexane, $\delta$ - | 319-86-8   |
| Carbaryl                                | 63-25-2                                     | Isodrine                         | 465-73-6   |
| Chlordane                               | 57-74-9                                     | Kelevane                         | 4234-79-1  |
| Chlordimeform                           | 6164-98-3                                   | Kepone                           | 143-50-0   |
| Chlorfenvinphos                         | 470-90-6                                    | Lindane                          | 58-89-9    |
| Coumaphos                               | 56-72-4                                     | Malathion                        | 121-75-5   |
| Cyfluthrin                              | 68359-37-5                                  | MCPA                             | 94-74-6    |
| Cyhalothrin                             | 91465-08-6                                  | MCPB                             | 94-81-5    |
| Cypermethrin                            | 52315-07-8                                  | Mecoprop                         | 93-65-2    |
| DEF                                     | 78-48-8                                     | Metamidophos                     | 10265-92-6 |
| Deltamethrin                            | 52918-63-5                                  | Methoxychlor                     | 72-43-5    |
| DDD                                     | 53-19-0, 72-54-8                            | Mirex                            | 2385-85-5  |
| DDE                                     | 3424-82-6, 72-55-9                          | Monocrotophos                    | 6923-22-4  |
| DDT                                     | 50-29-3, 789-02-6                           | Parathion                        | 56-38-2    |
| Diazinon                                | 333-41-5                                    | Parathion-methyl                 | 298-00-0   |
| Dichlorprop                             | 120-36-2                                    | Perthane                         | 72-56-0    |
| Dicrotophos                             | 141-66-2                                    | Phosdrin/Mevinphos               | 7786-34-7  |
| Dieldrine                               | 60-57-1                                     | Propetamphos                     | 31218-83-4 |
| Dimethoate                              | 60-51-5                                     | Profenophos                      | 41198-08-7 |
| Dinoseb, its salts and acetate          | 88-85-7 et al                               | Quinalphos                       | 13593-03-8 |
| Endosulfan, $\alpha$ -                  | 959-98-8                                    | Strobane                         | 8001-50-1  |
| Endosulfan, $\beta$ -                   | 33213-65-9                                  | Telodrine                        | 297-78-9   |
| Endrine                                 | 72-20-8                                     | Toxaphene                        | 8001-35-2  |
| Esfenvalerate                           | 66230-04-4                                  | Trifluralin                      | 1582-09-8  |
| Chlorinated phenols                     |   |                                  |            |
| Name                                    | CAS-Nr.                                     | Name                             | CAS-Nr.    |
| Pentachlorophenol                       | 87-86-5                                     | 2,3,5-Trichlorophenol            | 933-78-8   |
| 2,3,5,6-Tetrachlorophenol               | 935-95-5                                    | 2,3,6-Trichlorophenol            | 933-75-5   |
| 2,3,4,6-Tetrachlorophenol               | 58-90-2                                     | 2,4,5-Trichlorophenol            | 95-95-4    |
| 2,3,4,5-Tetrachlorophenol               | 4901-51-3                                   | 2,4,6-Trichlorophenol            | 88-06-2    |
| 2,3,4-Trichlorophenol                   | 15950-66-0                                  | 3,4,5-Trichlorophenol            | 609-19-8   |
| Phthalates                              |   |                                  |            |
| Name                                    | CAS-Nr.                                     | Acronym                          |            |
| Di-iso-nonylphthalate                   | 28553-12-0, 68515-48-0                      | DINP                             |            |
| Di-n-octylphthalate                     | 117-84-0                                    | DNOP                             |            |
| Di-(2-ethylhexyl)-phthalate             | 117-81-7                                    | DEHP                             |            |
| Di-isodecylphthalate                    | 26761-40-0, 68515-49-1                      | DIDP                             |            |
| Butylbenzylphthalate                    | 85-68-7                                     | BBP                              |            |
| Dibutylphthalate                        | 84-74-2                                     | DBP                              |            |
| Di-iso-butylphthalate                   | 84-69-5                                     | DIBP                             |            |
| Di-C6-8-branched alkylphthalates        | 71888-89-6                                  | DIHP                             |            |
| Di-C7-11-branched alkylphthalates       | 68515-42-4                                  | DHNUP                            |            |
| Di-n-hexylphthalate                     | 84-75-3                                     | DHP                              |            |
| Di-(2-methoxyethyl)-phthalate           | 117-82-8                                    | DMEP                             |            |
| Di-pentylphthalate (n-, iso-, or mixed) | 131-18-0, 605-50-5, 776297-69-9, 84777-06-0 | DPP                              |            |
| Organic tin compounds                   |   |                                  |            |
| Name                                    | Acronym                                     | Name                             | Acronym    |
| Tributyltin                             | TBT   | Dibutyltin                       | DBT        |
| Triphenyltin                            | TPhT  | Diocetyl tin                     | DOT        |

Arylamines having carcinogenic properties

| Name                                      | CAS-Nr.  | Name                                  | CAS-Nr.  |
|---|----------|---------------------------------------|----------|
| MAK III, category 1                       |          | MAK III, category 1                   |          |
| 4-Aminobiphenyl                           | 92-67-1  | 4-Chloro-o-toluidine                  | 95-69-2  |
| Benzidine                                 | 92-87-5  | 2-Naphthylamine                       | 91-59-8  |
| MAK III, category 2                       |          | MAK III, category 2                   |          |
| o-Aminoazotoluene                         | 97-56-3  | 4,4'-Methylene-bis- (2-chloroaniline) | 101-14-4 |
| 2-Amino-4-nitrotoluene                    | 99-55-8  | 4,4'-Oxydianiline                     | 101-80-4 |
| p-Chloroaniline                           | 106-47-8 | 4,4'-Thiodianiline                    | 139-65-1 |
| 2,4-Diaminoanisole                        | 615-05-4 | o-Toluidine                           | 95-53-4  |
| 4,4'-Diaminobiphenylmethane               | 101-77-9 | 2,4-Toluyldiamine                     | 95-80-7  |
| 3,3'-Dichlorobenzidine                    | 91-94-1  | 2,4,5-Trimethylaniline                | 137-17-7 |
| 3,3'-Dimethoxybenzidine                   | 119-90-4 | o-Anisidine (2-Methoxyanilin)         | 90-04-0  |
| 3,3'-Dimethylbenzidine                    | 119-93-7 | 2,4-Xylidine                          | 95-68-1  |
| 3,3'-Dimethyl-4,4'-diaminobiphenylmethane | 838-88-0 | 2,6-Xylidine                          | 87-62-7  |
| p-Cresidine                               | 120-71-8 | 4-Aminoazobenzene                     | 60-09-3  |

Dyestuffs classified as carcinogenic

| C.I. Generic Name       | C.I. Structure number | CAS-Nr.   |
|-------------------------|-----------------------|-----------|
| C.I. Acid Red 26        | C.I. 16 150           | 3761-53-3 |
| C.I. Basic Red 9        | C.I. 42 500           | 569-61-9  |
| C.I. Basic Violet 14    | C.I. 42 510           | 632-99-5  |
| C.I. Direct Black 38    | C.I. 30 235           | 1937-37-7 |
| C.I. Direct Blue 6      | C.I. 22 610           | 2602-46-2 |
| C.I. Direct Red 28      | C.I. 22 120           | 573-58-0  |
| C.I. Disperse Blue 1    | C.I. 64 500           | 2475-45-8 |
| C.I. Disperse Orange 11 | C.I. 60 700           | 82-28-0   |
| C.I. Disperse Yellow 3  | C.I. 11 855           | 2832-40-8 |

Dyestuffs classified as allergenic

| C.I. Generic Name       | C.I. Structure number | CAS-Nr.    |
|-------------------------|-----------------------|------------|
| C.I. Disperse Blue 1    | C.I. 64 500           | 2475-45-8  |
| C.I. Disperse Blue 3    | C.I. 61 505           | 2475-46-9  |
| C.I. Disperse Blue 7    | C.I. 62 500           | 3179-90-6  |
| C.I. Disperse Blue 26   | C.I. 63 305           |            |
| C.I. Disperse Blue 35   |                       | 12222-75-2 |
| C.I. Disperse Blue 102  |                       | 12222-97-8 |
| C.I. Disperse Blue 106  |                       | 12223-01-7 |
| C.I. Disperse Blue 124  |                       | 61951-51-7 |
| C.I. Disperse Brown 1   |                       | 23355-64-8 |
| C.I. Disperse Orange 1  | C.I. 11 080           | 2581-69-3  |
| C.I. Disperse Orange 3  | C.I. 11 005           | 730-40-5   |
| C.I. Disperse Orange 37 | C.I. 11 132           |            |
| C.I. Disperse Orange 76 | C.I. 11 132           |            |
| C.I. Disperse Red 1     | C.I. 11 110           | 2872-52-8  |
| C.I. Disperse Red 11    | C.I. 62 015           | 2872-48-2  |
| C.I. Disperse Red 17    | C.I. 11 210           | 3179-89-3  |
| C.I. Disperse Yellow 1  | C.I. 10 345           | 119-15-3   |
| C.I. Disperse Yellow 3  | C.I. 11 855           | 2832-40-8  |
| C.I. Disperse Yellow 9  | C.I. 10 375           | 6373-73-5  |
| C.I. Disperse Yellow 39 |                       |            |
| C.I. Disperse Yellow 49 |                       |            |

Other banned dyestuffs

| C.I. Generic Name        | C.I. Structure number | CAS-Nr.    |
|--------------------------|-----------------------|------------|
| C.I. Disperse Orange 149 |                       | 85136-74-9 |
| C.I. Disperse Yellow 23  | C.I. 26 070           | 6250-23-3  |

Chlorinated benzenes and toluenes

|                     |                     |
|---------------------|---------------------|
| Dichlorobenzenes    | Pentachlorotoluene  |
| Trichlorobenzenes   | Chlorotoluenes      |
| Tetrachlorobenzenes | Dichlorotoluenes    |
| Pentachlorobenzenes | Trichlorotoluenes   |
| Hexachlorobenzene   | Tetrachlorotoluenes |

Polycyclic aromatic hydrocarbons (PAH)

| Name                   | CAS-Nr.    |
|------------------------|------------|
| Acenaphthene           | 83-32-9    |
| Acenaphthylene         | 208-96-8   |
| Anthracene             | 120-12-7   |
| Benzo[a]anthracene     | 56-55-3    |
| Benzo[a]pyrene         | 50-32-8    |
| Benzo[b]fluoranthene   | 205-99-2   |
| Benzo[e]pyrene         | 192-97-2   |
| Benzo[ghi]perylene     | 191-24-2   |
| Benzo[j]fluoranthene   | 205-82-3   |
| Benzo[k]fluoranthene   | 207-08-9   |
| Chrysene               | 218-01-9   |
| Cyclopenta[c,d]pyrene  | 27208-37-3 |
| Dibenz[a,h]anthracene  | 53-70-3    |
| Dibenzo[a,e]pyrene     | 192-65-4   |
| Dibenzo[a,h]pyrene     | 189-64-0   |
| Dibenzo[a,i]pyrene     | 189-55-9   |
| Dibenzo[a,l]pyrene     | 191-30-0   |
| Fluoranthene           | 206-44-0   |
| Fluorene               | 86-73-7    |
| Indeno[1,2,3-cd]pyrene | 193-39-5   |
| 1-Methylpyrene         | 2381-21-7  |
| Naphthalene            | 91-20-3    |
| Phenanthrene           | 85-01-8    |
| Pyrene                 | 129-00-0   |

Forbidden flame retardant substances

| Name  | CAS-Nr.    | Acronym   |
|---|------------|-----------|
| Polybrominated biphenyles                     | 59536-65-1 | PBB       |
| Tri-(2,3-dibromopropyl)-phosphate             | 126-72-7   | TRIS      |
| Tris-(aziridiny)-phosphin oxide)              | 545-55-1   | TEPA      |
| Pentabromodiphenylether                       | 32534-81-9 | penta BDE |
| Octabromodiphenylether                        | 32536-52-0 | octaBDE   |
| Decabromodiphenylether                        | 1163-19-5  | decaBDE   |
| Hexabromocyclododecane                        | 25637-99-4 | HBCDD     |
| Short chain chlorinated paraffins (C10 - C13) | 85535-84-8 | SCCP      |
| Tris(2-chloroethyl)phosphate                  | 115-96-8   | TCEP      |

Solvent residues

| Name                   | CAS-Nr.  | Acronym |
|------------------------|----------|---------|
| 1-Methyl-2-pyrrolidone | 872-60-4 | NMP     |
| N,N-Dimethylacetamide  | 127-19-5 | DMAc    |
| Dimethylformamide      | 68-12-2  | DMF     |

Surfactant, wetting agent residues

| Name                   | CAS-Nr. | Acronym |
|------------------------|---------|---------|
| Nonylphenol            | various | NP      |
| Octylphenol            | various | OP      |
| Octylphenolethoxylates | various | OP(EO)  |
| Nonylphenolethoxylates | various | NP(EO)  |

Other chemical residues

| Name   | CAS-Nr.    | Acronym |
|--|------------|---------|
| o-Phenylphenol                                   | 90-43-7    | OPP     |
| Short chained chlorinated paraffines (C10 - C13) | 85535-84-8 | SCCP    |
| Tris(2-chloroethyl)phosphate                     | 115-96-8   | TCEP    |
| Dimethylfumarate                                 | 624-49-7   | DMFu    |

Table 2 (Appendix 8 of Annex XVII)

|     | CAS number | Substances   |
|-----|------------|--|
| 1   | 92-67-1    | Biphenyl-4-ylamine                                 |
| 2   | 92-87-5    | Benzidine  |
| 3   | 95-69-2    | 4-chloro- <i>o</i> -toluidine                      |
| 4   | 91-59-8    | 2-naphthylamine                                    |
| 5   | 97-56-3    | <i>o</i> -aminoazotoluene                          |
| 6   | 99-55-8    | 5-nitro- <i>o</i> -toluidine                       |
| 7   | 106-47-8   | 4-chloroaniline                                    |
| 8   | 615-05-4   | 4-methoxy- <i>m</i> -phenylenediamine              |
| 9   | 101-77-9   | 4,4'-methylenediamine                              |
| 10  | 91-94-1    | 3,3'-dichlorobenzidine                             |
| 11  | 119-90-4   | 3,3'-dimethoxybenzidine                            |
| 12  | 119-93-7   | 3,3'-dimethylbenzidine                             |
| 13  | 838-88-0   | 4,4'-methylenedi- <i>o</i> -toluidine              |
| 14  | 120-71-8   | 6-methoxy- <i>m</i> -toluidine <i>p</i> -cresidine |
| 15  | 101-14-4   | 4,4'-methylene-bis-(2-chloro-aniline)              |
| 16  | 101-80-4   | 4,4'-oxydianiline                                  |
| 17  | 139-65-1   | 4,4'-thiodianilene                                 |
| 18  | 95-53-1    | <i>o</i> -toluidine                                |
| 19  | 95-80-7    | 4-methyl- <i>m</i> -phenylenediamine               |
| 20  | 137-17-7   | 2,4,5-trimethylaniline                             |
| 2.1 | 90-04-0    | <i>o</i> -anisidine 2-methoxyaniline               |
| 2.2 | 60-09-3    | 4-amino azobenzene                                 |

Table 3 (REACH SVHC)

| No. | Substance name   | EC No.                 | CAS No.  |
|-----|--|------------------------|--|
| 1   | Anthracene   | 204-371-1              | 120-12-7   |
| 2   | 4,4'-Diaminodiphenylmethane (MDA)  | 202-974-4              | 101-77-9   |
| 3   | Dibutyl phthalate (DBP)  | 201-557-4              | 84-74-2  |
| 4   | Cobalt dichloride  | 231-589-4              | 7646-79-9  |
| 5   | Diarsenic pentaoxide   | 215-116-9              | 1303-28-2  |
| 6   | Diarsenic trioxide   | 215-481-4              | 1327-53-3  |
| 7   | Sodium dichromate  | 234-190-3              | 7789-12-0<br>10588-01-9  |
| 8   | 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)   | 201-329-4              | 81-15-2  |
| 9   | Bis(2-ethylhexyl)phthalate (DEHP)  | 204-211-0              | 117-81-7   |
| 10  | Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified ( $\alpha$ -HBCDD, $\beta$ -HBCDD, $\gamma$ -HBCDD) | 247-148-4<br>221-695-9 | 25637-99-4<br>3194-55-6<br>134237-50-6<br>134237-51-7<br>134237-52-8 |
| 11  | Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)  | 287-476-5              | 85535-84-8   |
| 12  | Bis(tributyltin)oxide (TBTO)   | 200-268-0              | 56-35-9  |
| 13  | Lead hydrogen arsenate   | 232-064-2              | 7784-40-9  |
| 14  | Benzyl butyl phthalate (BBP)   | 201-622-7              | 85-68-7  |
| 15  | Triethyl arsenate  | 427-700-2              | 15806-95-8   |
| 16  | Anthracene oil   | 292-602-7              | 90640-80-5   |
| 17  | Anthracene oil, anthracene paste, distn. lights  | 295-278-5              | 91995-17-4   |
| 18  | Anthracene oil, anthracene paste, anthracene fraction  | 295-275-9              | 91995-15-2   |
| 19  | Anthracene oil, anthracene-low   | 292-604-8              | 90640-82-7   |
| 20  | Anthracene oil, anthracene paste   | 292-603-2              | 90640-81-6   |
| 21  | Pitch, coal tar, high temp.  | 266-028-2              | 65996-93-2   |
| –   | Aluminosilicate, Refractory Ceramic Fibres   |                        |  |
| –   | Zirconia Aluminosilicate, Refractory Ceramic Fibres  |                        | [ Note: No.1 ]   |
| 22  | 2,4-Dinitrotoluene   | 204-450-0              | 121-14-2   |
| 23  | Diisobutyl phthalate   | 201-553-2              | 84-69-5  |
| 24  | Lead chromate  | 231-846-0              | 7758-97-6  |
| 25  | Lead chromate molybdate sulphate red (C.I. Pigment Red 104)  | 235-759-9              | 12656-85-8   |
| 26  | Lead sulfochromate yellow (C.I. Pigment Yellow 34)   | 215-693-7              | 1344-37-2  |
| 27  | Tris(2-chloroethyl)phosphate   | 204-118-5              | 115-96-8   |
| 28  | Acrylamide   | 201-173-7              | 79-06-1  |
| 29  | Trichloroethylene  | 201-167-4              | 79-01-6  |
| 30  | Boric acid   | 233-139-2<br>234-343-4 | 10043-35-3<br>11113-50-1   |
| 31  | Disodium tetraborate, anhydrous  | 215-540-4              | 1330-43-4<br>1303-96-4<br>12179-04-3                                 |
| 32  | Tetraboron disodium heptaoxide, hydrate  | 235-541-3              | 12267-73-1   |
| 33  | Sodium chromate  | 231-889-5              | 7775-11-3  |
| 34  | Potassium chromate   | 232-140-5              | 7789-00-6  |
| 35  | Ammonium dichromate  | 232-143-1              | 7789-09-5  |
| 36  | Potassium dichromate   | 231-906-6              | 7778-50-9  |
| 37  | Cobalt(II) sulphate  | 233-334-2              | 10124-43-3   |
| 38  | Cobalt(II) dinitrate   | 233-402-1              | 10141-05-6   |
| 39  | Cobalt(II) carbonate   | 208-169-4              | 513-79-1   |
| 40  | Cobalt(II) diacetate   | 200-755-8              | 71-48-7  |
| 41  | 2-Methoxyethanol   | 203-713-7              | 109-86-4   |
| 42  | 2-Ethoxyethanol  | 203-804-1              | 110-80-5   |
| 43  | Chromium trioxide  | 215-607-8              | 1333-82-0  |

| No. | Substance name   | EC No.                 | CAS No.                 |
|-----|--|------------------------|-------------------------|
| 44  | Acids generated from chromium trioxide and their oligomers.<br>Group containing: Chromic acid, Dichromic acid, Dichromic acid,<br>Oligomers of chromic acid and dichromic acid | 231-801-5<br>236-881-5 | 7738-94-5<br>13530-68-2 |
| 45  | 2-ethoxyethyl acetate  | 203-839-2              | 111-15-9                |
| 46  | Strontium chromate   | 232-142-6              | 7789-06-2               |
| 47  | 1,2-Benzenedicarboxylic acid,<br>di-C7-11-branched and linear alkyl esters   | 271-084-6              | 68515-42-4              |
| 48  | Hydrazine  | 206-114-9              | 302-01-2<br>7803-57-8   |
| 49  | 1-methyl-2-pyrrolidone   | 212-828-1              | 872-50-4                |
| 50  | 1,2,3-trichloropropane   | 202-486-1              | 96-18-4                 |
| 51  | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich   | 276-158-1              | 71888-89-6              |
| 52  | Calcium arsenate   | 231-904-5              | 7778-44-1               |
| 53  | Bis(2-methoxyethyl) ether  | 203-924-4              | 111-96-6                |
| 54  | Aluminosilicate Refractory Ceramic Fibres  |                        |                         |
| 55  | Zirconia Aluminosilicate Refractory Ceramic Fibres   |                        | [ Note: No.2 ]          |
| 56  | Potassium hydroxyoctaoxodizincatedichromate  | 234-329-8              | 11103-86-9              |
| 57  | Lead dipicrate   | 229-335-2              | 6477-64-1               |
| 58  | N,N-dimethylacetamide  | 204-826-4              | 127-19-5                |
| 59  | Arsenic acid   | 231-901-9              | 7778-39-4               |
| 60  | 2-Methoxyaniline: o-Anisidine  | 201-963-1              | 90-04-0                 |
| 61  | Trilead diarsenate   | 222-979-5              | 3687-31-8               |
| 62  | 1,2-dichloroethane   | 203-458-1              | 107-06-2                |
| 63  | Pentazinc chromate octahydroxide   | 256-418-0              | 49663-84-5              |
| 64  | 4-(1,1,3,3-tetramethylbutyl)phenol   | 205-426-2              | 140-66-9                |
| 65  | Formaldehyde, oligomeric reaction products with aniline  | 500-036-1              | 25214-70-4              |
| 66  | Bis(2-methoxyethyl) phthalate  | 204-212-6              | 117-82-8                |
| 67  | Lead diazide, Lead azide   | 236-542-1              | 13424-46-9              |
| 68  | Lead styphnate   | 239-290-0              | 15245-44-0              |
| 69  | 2,2'-dichloro-4,4'-methylenedianiline  | 202-918-9              | 101-14-4                |
| 70  | Phenolphthalein  | 201-004-7              | 77-09-8                 |
| 71  | Dichromium tris(chromate)  | 246-356-2              | 24613-89-6              |
| 72  | 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)  | 203-977-3              | 112-49-2                |
| 73  | 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)  | 203-794-9              | 110-71-4                |
| 74  | Diboron trioxide   | 216-125-8              | 1303-86-2               |
| 75  | Formamide  | 200-842-0              | 75-12-7                 |
| 76  | Lead(II) bis(methanesulfonate)   | 401-750-5              | 17570-76-2              |
| 77  | 1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazine-2,4,6-trione (TGIC)   | 219-514-3              | 2451-62-9               |
| 78  | 1,3,5-tris((2S and 2R)-2,3-epoxypropyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)  | 423-400-0              | 59653-74-6              |
| 79  | 4,4'-bis(dimethylamino)benzophenone (Michler's ketone)   | 202-027-5              | 90-94-8                 |
| 80  | N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)   | 202-959-2              | 101-61-1                |
| 81  | [4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26) [ Note No.3 ]                         | 219-943-6              | 2580-56-5               |
| 82  | [4-[4,4'-bis(dimethylamino)benzhydridene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [ Note No.3 ]  | 208-953-6              | 548-62-9                |
| 83  | 4,4'-bis(dimethylamino)-4'-(methylamino)trityl alcohol [ Note No.3 ]   | 209-218-2              | 561-41-1                |
| 84  | α,α-Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [ Note No.3 ]   | 229-851-8              | 6786-83-0               |
| 85  | Pyrochlore, antimony lead yellow   | 232-382-1              | 8012-00-8               |
| 86  | 6-methoxy-m-toluidine (p-cresidine)  | 204-419-1              | 120-71-8                |

| No. | Substance name   | EC No.   | CAS No.  |
|-----|--|--|--|
| 87  | Henicosfluoroundecanoic acid   | 218-165-4  | 2058-94-8  |
| 88  | Hexahydromethylphthalic anhydride [1],<br>Hexahydro-4-methylphthalic anhydride [2],<br>Hexahydro-1-methylphthalic anhydride [3],<br>Hexahydro-3-methylphthalic anhydride [4] | 247-094-1<br>243-072-0<br>256-356-4<br>260-566-1 | 26550-51-0<br>19438-60-9<br>48122-14-1<br>57110-29-9 |
| 89  | Cyclohexane-1,2-dicarboxylic anhydride [1],<br>cis-cyclohexane-1,2-dicarboxylic anhydride [2],<br>trans-cyclohexane-1,2-dicarboxylic anhydride [3]                           | 201-604-9<br>236-086-3<br>238-009-9              | 85-42-7<br>13149-00-3<br>14166-21-3                  |
| 90  | Dibutyltin dichloride (DBTC)   | 211-670-0  | 683-18-1   |
| 91  | Lead bis(tetrafluoroborate)  | 237-466-0  | 13814-96-5   |
| 92  | Lead dinitrate   | 233-245-9  | 10099-74-8   |
| 93  | Silicic acid, lead salt  | 234-363-3  | 11120-22-2   |
| 94  | 4-Aminoazobenzene  | 200-453-6  | 60-09-3  |
| 95  | Lead titanium zirconium oxide  | 235-727-4  | 12626-81-2   |
| 96  | Lead monoxide (lead oxide)   | 215-267-0  | 1317-36-8  |
| 97  | o-Toluidine  | 202-429-0  | 95-53-4  |
| 98  | 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine   | 421-150-7  | 143860-04-2  |
| 99  | Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped   | 272-271-5  | 68784-75-8   |
| 100 | Trilead bis(carbonate)dihydroxide  | 215-290-6  | 1319-46-6  |
| 101 | Furan  | 203-727-3  | 110-00-9   |
| 102 | N,N-dimethylformamide  | 200-679-5  | 68-12-2  |
| 103 | 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated  | -  | -  |
| 104 | 4-Nonylphenol, branched and linear   | -  | -  |
| 105 | 4,4'-methylene-di-o-toluidine  | 212-658-8  | 838-88-0   |
| 106 | Diethyl sulphate   | 200-589-6  | 64-67-5  |
| 107 | Dimethyl sulphate  | 201-058-1  | 77-78-1  |
| 108 | Lead oxide sulfate   | 234-853-7  | 12036-76-9   |
| 109 | Lead titanium trioxide   | 235-038-9  | 12060-00-3   |
| 110 | Acetic acid, lead salt, basic  | 257-175-3  | 51404-69-4   |
| 111 | [Phthalato(2-)]dioxotrilead  | 273-688-5  | 69011-06-9   |
| 112 | Bis(pentabromophenyl) ether (decabromodiphenyl ether, DecaBDE)   | 214-604-9  | 1163-19-5  |
| 113 | N-methylacetamide  | 201-182-6  | 79-16-3  |
| 114 | Dinoseb (6-sec-butyl-2,4-dinitrophenol)  | 201-861-7  | 88-85-7  |
| 115 | 1,2-Diethoxyethane   | 211-076-1  | 629-14-1   |
| 116 | Tetralead trioxide sulphate  | 235-380-9  | 12202-17-4   |
| 117 | N-pentyl-isopentylphthalate  | -  | 776297-69-9  |
| 118 | Dioxobis(stearato)trilead  | 235-702-8  | 12578-12-0   |
| 119 | Tetraethyllead   | 201-075-4  | 78-00-2  |
| 120 | Pentalead tetraoxide sulphate  | 235-067-7  | 12065-90-6   |
| 121 | Pentacosfluorotridecanoic acid   | 276-745-2  | 72629-94-8   |
| 122 | Tricosfluorododecanoic acid  | 206-203-2  | 307-55-1   |
| 123 | Heptacosfluorotetradecanoic acid   | 206-803-4  | 376-06-7   |
| 124 | 1-bromopropane (n-propyl bromide)  | 203-445-0  | 106-94-5   |
| 125 | Methoxyacetic acid   | 210-894-6  | 625-45-6   |
| 126 | 4-methyl-m-phenylenediamine (toluene-2,4-diamine)  | 202-453-1  | 95-80-7  |
| 127 | Methyloxirane (Propylene oxide)  | 200-879-2  | 75-56-9  |
| 128 | Trilead dioxide phosphonate  | 235-252-2  | 12141-20-7   |
| 129 | o-aminoazotoluene  | 202-591-2  | 97-56-3  |
| 130 | 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear   | 284-032-2  | 84777-06-0   |
| 131 | 4,4'-oxydianiline and its salts  | 202-977-0  | 101-60-4   |
| 132 | Orange lead (lead tetroxide)   | 215-235-6  | 1314-41-5  |
| 133 | Biphenyl-4-ylamine   | 202-177-1  | 92-67-1  |
| 134 | Diisopentylphthalate   | 210-088-4  | 605-50-5   |
| 135 | Fatty acids, C16-18, lead salts  | 292-966-7  | 91031-62-8   |
| 136 | Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))  | 204-650-8  | 123-77-3   |
| 137 | Sulfurous acid, lead salt, dibasic   | 263-467-1  | 62229-08-7   |



| No. | Substance name  | EC No.                  | CAS No.    |
|-----|---|-------------------------|------------|
| 138 | Lead cyanamidate  | 244-073-9               | 20837-86-9 |
| 139 | Cadmium   | 231-152-8               | 7440-43-9  |
| 140 | Cadmium oxide   | 215-146-2               | 1306-19-0  |
| 141 | Dipentyl phthalate (DPP)  | 205-017-9               | 131-18-0   |
| 142 | 4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof] | -                       | -          |
| 143 | Ammonium pentadecafluorooctanoate (APFO)  | 223-320-4               | 3825-26-1  |
| 144 | Pentadecafluorooctanoic acid (PFOA)   | 206-397-9               | 335-67-1   |
| 145 | Cadmium sulphide  | 215-147-8               | 1306-23-6  |
| 146 | Dihexyl phthalate   | 201-559-5               | 84-75-3    |
| 147 | Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)  | 209-358-4               | 573-58-0   |
| 148 | Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)  | 217-710-3               | 1937-37-7  |
| 149 | Imidazolidine-2-thione;2-imidazoline-2-thiol  | 202-506-9               | 96-45-7    |
| 150 | Lead di(acetate)  | 206-104-4               | 301-04-2   |
| 151 | Trixylyl phosphate  | 246-677-8               | 25155-23-1 |
| 152 | 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear  | 271-093-5               | 68515-50-4 |
| 153 | Cadmium chloride  | 233-296-7               | 10108-64-2 |
| 154 | Sodium perborate; perboric acid, sodium salt  | 239-172-9;<br>234-390-0 |            |
| 155 | Sodium peroxometaborate   | 231-556-4               | 7632-04-4  |

No.1) Index number 650-017-00-8 in Annex VI, part 3, table 3.2 of Regulation (EC) No 1272/2008

No.2) Index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008

No.3) With  $\geq 0.1\%$  of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)