



PRSL 4sustainability® - 2023 TEXTILE



La presente PRSL non si applica ai materiali che contengono fibre naturali riciclate, per le quali esiste una PRSL dedicata.

| SOSTANZE RISTRETTE RESTRICTED SUBSTANCES | NUMERO CAS CAS NUMBER | METODO DI ANALISI TEST METHOD | LIMITI LIMITS |
|---|--------------------------|----------------------------------|------------------|
|---|--------------------------|----------------------------------|------------------|

| ACIDO BORICO \ BORIC ACID | | | |
|---------------------------|----------------|---|--------------|
| Acido Borico / Boric Acid | Vari / Various | Screening test: digestione acida + ICP-MS / ICP-OES | < 1000 mg/kg |

| AMIANTO / ASBESTOS | | | |
|--------------------|-------------------------|---|-----------------------|
| Actinolite | 77536-66-4 | U.S. EPA/600/R-93/16 NEW! Microscopy qualitative analysis | ND (ciascuno/each) |
| Amosite | 12172-73-5 | | |
| Anthophyllite | 77536-67-5 | | |
| Chrysotile | 12001-29-5 | | |
| Crocidolite | 12001-28-4; 132207-32-0 | | |
| Tremolite | 77536-68-6 | | |

| AMMINE AROMATICHE (COLORANTI AZOICI) / AZO DYES | | | |
|--|------------------------|----------------------------------|----------------------------------|
| Biphenyl-4-ylamine, 4-aminobiphenyl xenyamine | 92-67-1 | EN ISO 14362-1 EN ISO 14362-3 | ND (< 5 mg/kg ciascuno/each) |
| Benidine | 92-87-5 | | |
| 4-chloro-o-toluidine | 95-69-2; (3165-93-3) | | |
| 2-naphthylamine | 91-59-8; (553-00-4) | | |
| o-aminoazotoluene, 4-amino-2',3-dimethylazobenzene 4-o-tolylazo-otoluidine | 97-56-3 | | |
| 5-nitro-o-toluidine / (2-amino-4-nitrotoluol) | 99-55-8 | | |
| 4-chloroaniline / (p-Chloraniline) | 106-47-8 | | |
| 4-methoxy-m-phenylenediamine / (2,4-Diaminoanisole) | 615-05-4; (39156-41-7) | | |
| 4,4'-metylenedianiline / (4,4'-diaminodiphenylmethane) | 101-77-9 | | |
| 3,3'-dichlorobenzidine | 91-94-1 | | |
| 3,3'-dichlorobiphenyl-4,4'-ylenediamine | 119-90-4 | | |
| 3,3-dimethoxybenzidine o-dianisidine | 119-93-7 | | |
| 3,3-dimethylbenzidine, 4,4'-bi-o-toluidine | 838-88-0 | | |
| 4,4'-metylenedi-o-toluidine / (3,3'-dimethyl-4,4'-diamino-diphenyl-methane) | 120-71-8 | | |
| 6-methoxy-m-toluidine / (p-cresidine) | 101-14-4 | | |
| 4,4'-methylene-bis-(2-chloro-aniline) / (2,2'-dichloro-4,4'-ethylenedianiline) | 101-80-4 | | |
| 4,4'-oxydianiline | 139-65-1 | | |
| 4,4'-thiodianiline | 95-53-4 | | |
| o-toluidine, 2-aminotoluene | 95-80-7 | | |
| 4-methyl-m-phenylenediamine / (2,4-toluyldiamine) | 137-17-7; (21436-97-5) | | |
| 2,4,5-trimethylaniline | 90-04-0 | | |
| o-anisidine / (2-methoxyaniline) | 60-09-3 | | |
| 4-amino azobenzene / (p-Aminobenzene) | 95-68-1 | | |
| 2,4-xylydine | 87-62-7 | | |
| 2,6-xylydine | 62-53-3 | | |
| NEW! Aniline | | | 100 mg/kg (only for GOTS 6.0) |

| AP & APEO inclusi isomeri / AP&APEO incl. isomers | | | |
|---|---|-------------|---|
| Nonylphenols (NP) | 25154-52-3; 104-40-5; 11066-49-2; 84852-15-3; 90481-04-2 | ISO 21084 | Σ (NP+OP) < 3 mg/kg Σ (NPEO+OPEO) < 15 mg/kg |
| Octylphenols (OP) | 140-66-9; 1806-26-4; 27193-28-8 | ISO 18254-1 | |
| Nonylphenoethoxylates (NPEO) | 68412-54-4; 9016-45-9; 26027-38-3; 37205-87-1; 127087-87-0 | | |
| Nonylphenol monoethoxylates, NP1EO | vari/variou | | |
| Nonylphenol Diethoxylates, NP2EO | vari/variou | | |
| Octylphenoethoxylates (OPEO) | 9036-19-5; 68987-90-6; 9002-93-1; 2315-67-5; 2315-61-9; 2497-59-8 | | |
| Octylphenol monoethoxylates (OP1EO) | vari/variou | | |
| Octylphenol Diethoxylates (OP2EO) | vari/variou | | |

| BIFENILI POLICLORURATI \ POLICHLOROBIPHENILS (PCBs) | | | |
|---|------------|----------------------------|---|
| 2,4,4'-trichlorobiphenyl (PCB 28) | 7012-37-5 | Ref. EPA 3540C + EPA 8082A | < 0,1 mg/kg ciascuno/each Σ < 0,5 mg/kg (solo per fibre naturali) |
| 2,2',5,5'-tetrachlorobiphenyl (PCB 52) | 35693-99-3 | | |
| 3,3',4,4'-tetrachlorobiphenyl (PCB 77) | 32598-13-3 | | |
| 3,4,4',5'-tetrachlorobiphenyl (PCB 81) | 70362-50-4 | | |
| 2,2',4,5,5'-pentachlorobiphenyl (PCB 101) | 37680-73-2 | | |
| 2,3,3',4,4'-pentachlorobiphenyl (PCB 105) | 32598-14-4 | | |
| 2,3,4,4',5'-pentachlorobiphenyl (PCB 114) | 74472-37-0 | | |
| 2,3',4,4',5'-pentachlorobiphenyl (PCB 118) | 31508-00-6 | | |
| 2',3,4,4',5'-pentachlorobiphenyl (PCB 123) | 65510-44-3 | | |
| 3,3',4,4',5'-pentachlorobiphenyl (PCB 126) | 57465-28-8 | | |
| 2,2',3,4,4',5'-hexachlorobiphenyl (PCB 138) | 35065-28-2 | | |
| 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) | 35065-27-1 | | |
| 2,3,3',4,4',5'-hexachlorobiphenyl (PCB 156) | 38380-08-4 | | |
| 2,3,3',4,4',5'-hexachlorobiphenyl (PCB 157) | 69782-90-7 | | |
| 2,3',4,4',5,5'-hexachlorobiphenyl (PCB 167) | 52663-72-6 | | |
| 3,3',4,4',5,5'-hexachlorobiphenyl (PCB 169) | 32774-16-6 | | |
| 2,2',3,4,4',5,5'-heptachlorobiphenyl (PCB 180) | 35065-29-3 | | |
| 2,3,3',4,4',5,5'-heptachlorobiphenyl (PCB 189) | 39635-31-9 | | |

| BISFENOLI (BPs) / BISPHENOLS (BPs) | | | |
|------------------------------------|-----------|---|---|
| Bisfenolo A (BPA) | 80-05-7 | Extraction 1 g of sample / 20 ml THF ultrasound @60°C 60 minutes; LC/MS | NEW! < 1 mg/kg (synthetic and mixed synthetic fabrics) |
| Bisfenolo S (BPS) | 80-09-1 | | NEW! BPS: BPF < 1mg/kg ciascuno/each NEW! Σ (BPS + BPF + BPAF + BPB) < 100 mg/kg (synthetic and mixed synthetic fabrics) |
| Bisfenolo F (BPF) | 620-92-8 | | |
| Bisfenolo AF (BPAF) | 1478-61-1 | | |
| NEW! Bisfenolo B (BPB) | 77-40-7 | | |

| CARRIER ALOGENATI (BENZENE E TOLUENE CLORURATI) / CHLORINATED ORGANIC CARRIER (CHLORINATED AROMATICS BENZENES / TOLUENE) | | | |
|--|---|--|--------------------------------|
| Monoclorobenzene | 108-90-7 | EN 17137 (only for benzyl chloride CAS 100-44-7, LC-UV) | ND (< 0,1 mg/kg ciascuno/each) |
| Dichlorobenzenes | 95-50-1 | | |
| | 541-73-1; 106-46-7; (25321-22-6 mix isomer) | | |
| Trichlorobenzenes | 108-70-3; 120-82-1; 87-61-6; (12002-48-1 mix isomer) | | |
| Tetrachlorobenzenes | 95-94-3; 634-66-2; 634-90-2 | | |
| Pentachlorobenzene | 608-93-5 | | |
| Hexachlorobenzene | 118-74-1 | | |
| α-chlorotoluene; benzyl chloride | 100-44-7 | | |
| Chlorotoluenes | 95-49-8; 108-41-8; 106-43-4; (25168-05-2 mix di isomer) | | |
| Dichlorotoluenes | 95-73-8; 19398-61-9; 118-69-4; 32768-54-0; 95-75-0; (29797-40-8 mix di isomer); | | |
| Trichlorotoluenes | 98-07-7; 2077-46-5; 6639-30-1 | | |
| Tetrachlorotoluenes | 5216-25-1; 2136-89-2; 81-19-6; 76057-12-0; 875-40-1 + 1006-31-1 | | |
| Pentachlorotoluene | 877-11-2 | | |

| CHINOLINA / QUINOLINE | | | |
|-----------------------|---------|--|------------|
| Chinolina | 91-22-5 | GC-MS / MeOH extraction or THF + HPLC-MS DIN 54231:2005 with methanol extraction at 70 °C | < 50 mg/kg |

| CLOROFENOLI / CHLOROPHENOLS | | | |
|------------------------------|---|--|--------------------------------|
| PCP (PentaCloroFenolo) | 87-86-5 | EN ISO 17070 mod extraction in KOH For Proteic fiber EN ISO 17070 mod extraction in K ₂ CO ₃ (Potassium carbonate) | ND (< 0,05mg/kg ciascuno/each) |
| TeCP's | 935-95-5; 58-90-2; 4901-51-3; 25167-83-3 | | Σ < 0,5 mg/kg |
| TriCPs (TCP) | 88-06-2; 933-75-5; 933-78-8; 95-95-4; 15950-66-0; 609-19-8; 25167-82-2 | | |
| MonoChloroPhenol (MCPs) | 95-57-8; 108-43-0; 106-48-9; 25167-80-0 | | |
| DichloroPhenols (DCP o DiCP) | 576-24-9; 120-83-2; 583-78-8; 87-65-0; 95-77-2; 591-35-5; 25167-81-1 | | |
| o-Fenilfenolo (OPP) | 90-43-7 | NEW! 1 mg/kg | |

| CLORURO DI POLIVINILE (PVC) / VINIL CHLORIDE MONOMER (PVC) | | | |
|--|---------|------------------|----------------|
| VinylChloride | 75-01-4 | EN ISO 6401:2008 | ND (< 1 mg/kg) |

| COLORANTI DISPERSI / DISPERSE DYES | | | | |
|---|---|-------------------------------|---|-------------|
| Acid red 26 | 3761-53-3 | ISO 16373-2 NEW! DIN 54231 | ND (< 5 mg/kg ciascuno/each) only for synthetics | |
| Basic red 9 | 569-61-9 | | | |
| Basic violet 14 | 632-99-5 | | | |
| Basic Green 4 (Chloride, oxalate, free) | 569-64-2; 2437-29-8; 10309-95-2; 18015-76-4; 68513-86-0; | | | |
| | Basic Blue 26 | | | 2580-56-5 |
| Disperse blue 1 | 2475-45-8 | | | |
| Disperse blue 3 | 2475-46-9 | | | |
| Disperse blue 7 | 3179-90-6 | | | |
| Disperse blue 26 | 3860-63-7 | | | |
| Disperse blue 35* | 12222-75-2; 56524-76-6; 56524-77-7 | | | |
| Disperse blue 102 | 12222-97-8; 69766-79-6 | | | |
| Disperse blue 106 | 12223-01-7 | | | |
| Disperse blue 124 | 61951-51-7 | | | |
| Disperse brown 1 | 23355-64-8 | | | |
| Disperse orange 1 | 2581-69-3 | | | |
| Disperse orange 3 | 730-40-5 | | | |
| Disperse orange 11 | 82-28-0 | | | |
| Disperse orange 76/37/59 | 12223-33-5; 13301-61-6; 51811-42-8 | | | |
| Disperse red 1 | 2872-52-8 | | | ISO 16373-2 |
| Disperse red 11 | 2872-48-2 | | | |
| Disperse red 17 | 3179-89-3 | | | |
| Disperse yellow 1 | 119-15-3 | | | |
| Disperse yellow 3 | 2832-40-8 | | | |
| Disperse yellow 9 | 6373-73-5 | | | |
| Disperse yellow 39 | 12236-29-2 | | | |
| Disperse yellow 49 | 54824-37-2 | | | |
| Disperse yellow 56 | 54077-16-6 | | | |
| Disperse yellow 7 | 6300-37-4 | | | |
| Disperse red 151 | 61968-47-6 | | | |
| Disperse Orange 149 | 85136-74-9; 151126-94-2 | | | |
| Disperse yellow 23 | 6250-23-3; 6250-22-3 | | | |
| NEW! Disperse Red 23; Solvent red 23 | 85-86-9 | DIN 54231:2022 | < 30 mg/kg ciascuno/each (only for GOTS 6.0) | |

| ALTRI COLORANTI / OTHER DYES | | | |
|---|--|----------------|------------------------------|
| Navy Blue | Component 1: CAS n.: 118685-33-9 C 39 H 23 ClCrN 7 O 12 S.2Na Component 2: C 46 H 30 CrN 10 O 20 S2.3Na | NEW! DIN 54231 | ND (< 5 mg/kg ciascuno/each) |
| Direct red 28 | 573-58-0 | | |
| Direct blue 6 | 2602-46-2 | | |
| Direct Brown 95 | 16071-86-6 | | |
| Direct black 38 | 1937-37-7 | | |
| Basic Violet 3 - alias (C.I. Basic Violet 3 con >0,1% di Michler'sKetone)[EC No 202-027-5] oppure Michler's base (EC Number: 202-959-2) | 548-62-9; 603-48-5; 14426-25-6 | | |
| Acid Violet 49 | 1694-09-3 | | |
| Direct Yellow 1 | 6472-91-9; 494-77-9; 101985-05-1 | | |
| Basic Violet 1 | 8004-87-3 | | |
| Solvent Yellow 2 (4-Dimethylaminoazobenzene)* | 60-11-7 | | |
| Direct Blue 15 | 2429-74-5 | | |
| Acid Red 114 | 6459-94-5 | NEW! DIN 54231 | ND (< 5 mg/kg ciascuno/each) |
| Pigment Red 104 | 12656-85-8 | | |
| Solvent Blue 4 | 6786-83-0 | | |
| Pigment Yellow 34 | 1344-37-2 | | |
| 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol | 561-41-1 | | |
| Basic Blue 1 | 3521-06-0 | | |
| Direct Black 28 | 6745-67-1 | | |
| Solvent Yellow 1(4-amino azobenzene) | 60-09-3 | | |
| Solvent Yellow 3 | 97-56-3 | | |

| COMPOSTI ORGANICI VOLATILI E SOLVENTI CLORURATI / VOLATILE ORGANIC COMPOUNDS (VOCs) AND CHLORINATED SOLVENTS | | | |
|--|--|--|--|
| COMPOSTI ORGANICI VOLATILI / VOLATILE ORGANIC COMPOUNDS (VOCs) | | | |
| BENZENE | 71-43-2 | | |
| TOLUENE | 108-88-3 | | |
| XYLENE | 1330-20-7 (mix di isomeri 95-47-6; 108-38-3; 106-42-3) | | |
| o-cresol (Methylphenols) | 95-48-7 | Head space GC MS incubation @ 120°C 45 minutes | BENZENE < 5 mg/kg NEW! Σ < 20 mg/kg |
| p-cresol (Methylphenols) | 106-44-5 | | |
| m-cresol (Methylphenols) | 108-39-4 | | |
| ETHYLBENZENE | 100-41-4 | | |
| STYRENE | 100-42-5 | | |
| CYCLOHEXANONE | 108-94-1 | | |
| NEW! 1,4-dioxane | 123-91-1 | | |
| NEW! 1-bromopropane: n-propyl bromide | 106-94-5 | GC/MS headspace 120°C for 45 minutes | < 100 mg/kg ciascuno/each |
| NEW! Carbon Disulfide | 75-15-0 | VOC screening HS-GC/MS at 120°C for 45 min | < 1000 mg/kg |
| NEW! Methyl Alcohol | 67-56-1 | GB 19340:2003 - HS-SPME extraction / Purge&Trap + GC-MS | < 1000 mg/kg |
| NEW! N-xane | 110-54-3 | | < 150 mg/kg |
| NEW! Toluylen diisocyanate (libero) | 26471-62-5 | | < 10 mg/kg |

| SOLVENTI CLORURATI / CHLORINATED SOLVENTS | | | |
|---|----------|---|---------------------------|
| 1,1,2-TetraChloroEthane | 79-34-5 | Head space GC MS incubation @ 120°C 45 minutes | Σ < 500 mg/kg |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | | |
| Pentachloroethane | 76-01-7 | | |
| 1,1-dichloroethylene | 75-35-4 | | |
| Chloroform (trichloromethane) | 67-66-3 | | |
| 1,1,1-trichloroethane | 71-55-6 | | |
| Carbon tetrachloride [TetraCloroMetano] | 56-23-5 | | |
| 1,1,2-trichloroethane | 79-00-5 | | |
| 1,2-Dichloroethane | 107-06-2 | | |
| TRICHLOROETHYLENE | 79-01-6 | | |
| TETRACHLOROETHYLENE | 127-18-4 | | < 3 mg/kg ciascuno/each |
| Diclorometano (Methylenechloride) | 75-09-2 | GC/MS headspace 120°C for 45 minutes | < 100 mg/kg ciascuno/each |
| NEW! 1,2,3-trichloropropane | 96-18-4 | | |
| NEW! Hexachlorobutadiene | 87-68-3 | | |

| COMPOSTI ORGANOSTANNICI / ORGANOTIN COMPOUNDS | | | |
|---|--|--------------|------------------|
| TBT (Tributyltin) + TBTO | 1461-22-9; (56573-85-4; 56-35-9; 36643-28-4) | ISO/TS 16179 | ND (Σ < 1 mg/kg) |
| TPhT (triphenyltin) | 639-58-7 (668-34-8) | | |
| DBT (Dibutyltin) | 683-18-1 (1002-53-5; 75113-37-0) | | |
| DOT (Diocetyl tin) | 3542-36-7 (15231-44-4; ; 94410-05-6) | | |
| MBT (Monobutyltin) | 1118-46-3 (78763-54-9; 2406-65-7) | | |
| TOT (Triocetyl tin) | 2587-76-0 (250252-89-2) | | |
| TPT (Tripropyltin) | 2279-76-7 (761-44-4) | | |
| TCyHT (Tricyclohexyltin) | 3091-32-5 (6056-50-4; 3047-10-7; 36580-86-6) | | |
| TebT (Tetrabutyltin) | 1461-25-2 | | |
| MOT (MonoOctilTin) | 3091-25-6 (15231-57-9) | | |
| DMT (Dimethyltin) | 753-73-1 | | |
| TMT (Trimethyltin) | 1066-45-1 (17272-57-0; 1631-73-8; 5089-96-3) | | |
| MMT o MT (Monomethyltin) | 993-16-8 (23001-26-5; 83221-98-1) | | |
| MPhT (Monophenyltin) | 2406-68-0 | | |
| DPT (Diphenyltin) | 1011-95-6 (6381-06-2) | | |
| NEW! Tributyltin methacrylate | 2155-70-6 | | |
| NEW! Triphenyltin hydroxide | 76-87-97 | | |

| DIMETILFUMARATO (DMFu) / DIMETHYL FUMARATE | | | |
|--|----------|--------------|-----------------|
| Dimethyl fumarate | 624-49-7 | ISO/TS 16186 | ND (< 0,1mg/kg) |

| FORMALDEIDE LIBERA / FREE FORMALDEHYDE | | | |
|--|---------|-----------------------|---|
| Free formaldehyde | 50-00-0 | JIS L 1041:1983 Met.A | Bambino (kid)* + GOTS 6.0 : < 16 mg/kg Adulto (adult): < 75mg/kg |

| FTALATI / PHTHALATES | | | |
|--|-------------------------|---------------------|---|
| 1,2 benzene dicarboxylic acid di c7-11 branched and linear alkyl ester (DHNUP) | 68515-42-4 | CPSC-CH-C1001-09-04 | ND (< 10 mg/kg /ciascuno/each) (Σ < 100 mg/kg) |
| 1,2 benzene dicarboxylic acid di c6-8 branched alkyl ester, c7 rich (DIHP) | 71888-89-6 | | |
| Di-(2-methoxyethyl) phthalate (DMEP), Bis(2-methoxyethyl) phthalate | 117-82-8 | CPSC-CH-C1001-09-04 | ND (< 10 mg/kg /ciascuno/each) (Σ < 100 mg/kg) |
| Di pentil ftalato (DPP - DnPP) | 131-18-0 | | |
| Di isopentil ftalato (DiPP) | 605-50-5 | | |
| n-Pentil isopentil ftalato (NPIPP - NPIP - PIPP) | 776297-69-9 | | |
| 1,2-Benzenedicarboxylic acid, dipentyl ester, branched & linear (DNIPP) | 84777-06-0 | | |
| Bis(2-ethylhexyl)ftalato (DEHP) | 117-81-7 | | |
| Butilbenzil ftalato (BBP) | 85-68-7 | | |
| Dibutil Ftalato (DBP) | 84-74-2 | | |
| Di-n-octil ftalato (DNOP) | 117-84-0 | | |
| Di-isonoil ftalato (DINP) | 28553-12-0 : 68515-48-0 | | |
| Di-isodecil ftalato (DIDP) | 26761-40-0 : 68515-49-1 | | |
| Di-n-HexilPhtalate (DnHP-DHP) | 84-75-3 | | |
| Di-isobutil ftalato (DIBP) | 84-69-5 | | |
| Dimetil ftalato (DMP) | 131-11-3 | | |
| Dietil ftalato (DEP) | 84-66-2 | | |
| Di-cyclohexilphthalates(DCHP)* | 84-61-7 | | |
| 1,2-Benzenedicarboxylic acid dihexyl ester, branched and linear (DHxP)* | 68515-50-4 | | |
| D-n-propil phthalate (DPRP)* | 131-16-8 | | |
| Di-isocetil phthalate (DIOP)* | 27554-26-3 | | |
| Dinonil phthalate (DNP)* | 84-76-4 | | |
| Di-isoheyl phthalate (DIHxP)* | 71850-09-4 | | |
| 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with 0.3% of dihexyl phthalate* | 68648-93-1 / 68515-51-5 | | |

| IDROCARBURI POLICICLICI AROMATICI (IPA) / POLYCYCLIC AROMATICS HYDROCARBONS (PAH) | | | |
|---|------------|---------------------|---|
| Benzo(a)pyrene [BaP] | 50-32-8 | AIPS GS 2019-01 PAK | < 1 mg/kg ciascuno/each Σ < 10 mg/kg |
| Benzo(a)anthracene / (Benzoantracene) | 56-55-3 | | |
| Benzo(j)fluoranthene | 205-82-3 | | |
| Benzo(e)pyrene | 192-97-2 | | |
| Dibenzo(ah)anthracene / (Dibenzoantracene) | 53-70-3 | | |
| Benzo(b)fluoranthene | 205-99-2 | | |
| Benzo(k)fluoranthene | 207-08-9 | | |
| Chrysene | 218-01-9 | | |
| Benzo(ghi)perylene | 191-24-2 | | |
| Indeno(123-cd)pyrene | 193-39-5 | | |
| Napthalene | 91-20-3 | | |
| Acenaphthene | 83-32-9 | | |
| Acenaphthylene | 208-96-8 | | |
| Anthracene | 120-12-7 | | |
| Fluoranthene | 206-44-0 | | |
| Fluorene | 86-73-7 | | |
| Pyrene | 129-00-0 | | |
| Phenanthrene | 85-01-8 | | |
| Cyclopenta[c,d]pyrene | 27208-37-3 | | |
| 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 | | |
| 1-Methylpyrene | 2381-21-7 | | |

| ISOCIANATI / ISOCYANATES | | | |
|--|-----------------------|------------|------------------------------|
| Hexamethylene diisocyanate (HDI) | 822-06-0 | EN 13130-8 | ND (< 1 mg/kg ciascuno/each) |
| Isophorone diisocyanate (IPDI) | 4098-71-9 | | |
| 3,2,4-Toluene diisocyanate (TDI) | 584-84-9 | | |
| 4,2,6-Toluene diisocyanate (TDI) | 91-08-7 | | |
| 7,4,4'-Diphenylmethane diisocyanate 4,4' (MDI) | 101-68-8 ; 26447-40-5 | | |
| 8 Tetramethylxylene diisocyanate (TMXD) | 2778-42-9 ; 2778-41-8 | | |
| Naphthylene-1,5,di.isocyanate (1,5.NDI) | 3173-72-6 | | |
| Diphenylmethane-2,2 diisocyanate (2,2' MDI) | 2536-05-2 | | |
| Diphenylmethane-2,4' diisocyanate (2,4' MDI) | 5873-54-1 | | |
| Methylenediphenyl-diisocyanate, isomers and homologues mixture (Polymeric MDI) | 9016-87-9 | | |
| Dicyclohexylmethane-4,4'-di-isocyanate (HI2-MDI) | 5124-30-1 | | |

| METALLI PESANTI / HEAVY METALS | | | |
|--------------------------------|--------------------------|--|--|
| ANTIMONIO - ANTIMONY (Sb) | Estrazione / Extractable | EN 16711-2 | < 30 mg/kg |
| | Totale / Total | EN 16711-1 | < 40 mg/kg |
| ARSENICO - ARSENIC (As) | Estrazione / Extractable | EN 16711-2 | < 0.2 mg/kg |
| | Totale / Total | EN 16711-1 | < 0.5 mg/kg |
| BARIO - BARIUM (Ba) | Estrazione / Extractable | EN 16711-2 | < 1000 mg/kg |
| CADMIO - CADMIUM (Cd) | Estrazione / Extractable | EN 16711-2 | ND (< 0.1 mg/kg) |
| | Totale / Total | EN 16711-1 | < 40 mg/kg |
| COBALTO - COBALT (Co) | Estrazione / Extractable | EN 16711-2 | < 4 mg/kg |
| | Totale / Total | EN 16711-1 | < 40 mg/kg |
| CROMO - CHROMIUM (Cr) | Estrazione / Extractable | EN 16711-2 | < 2 mg/kg |
| CROMO VI - CHROMIUM VI | Estrazione / Extractable | EN 16711-2 + EN ISO 17075-1 + EN ISO 17075-2 | ND (< 0.5 mg/kg) |
| MERCURIO - MERCURY (Hg) | Estrazione / Extractable | EN 16711-2 | ND (< 0.02 mg/kg) |
| | Totale / Total | EN 16711-1 | < 0.5 mg/kg |
| NICKEL (Ni) | Estrazione / Extractable | EN 16711-2 | < 1 mg/kg |
| | Estrazione / Extractable | EN 16711-2 | < 0.2 mg/kg |
| PIOMBO - LEAD (Pb) | Totale / Total | EN 16711-1 | NEW! < 90 mg/kg (< 50 mg/kg only GOTS) |
| | Estrazione / Extractable | EN 16711-2 | < 25 mg/kg |
| SELENIO - SELENIUM (Se) | Estrazione / Extractable | EN 16711-2 | < 500 mg/kg |
| ZINCO - ZINC (Zn) | Estrazione / Extractable | EN 16711-2 | < 50 mg/kg |

| N,N-DIMETHYLACETAMIDE (DMAC) | | | |
|------------------------------|----------|--------------|-----------------|
| N,N-Dimethylacetamide (DMAC) | 127-19-5 | ISO/TS 16189 | ND (< 10 mg/kg) |

| NAFTALENI POLICLORURATI \ POLYCHLORINATED NAPHTHALENES (PCNs) | | | |
|---|------------|-----------------------|---------------|
| 2-chloronaphthalene | 91-58-7 | EPA 3550C + EPA 8270E | Σ < 0,5 mg/kg |
| 1,2-dichloronaphthalene | 20250-69-3 | | |
| 1,2,3-trichloronaphthalene | 50402-52-3 | | |
| 1,2,3,4-tetrachloronaphthalene | 20020-02-4 | | |
| 1,2,3,5,7-pentachloronaphthalene | 53555-65-0 | | |
| 1,2,3,4,5,6-hexachloronaphthalene | 58877-88-6 | | |
| 1,2,3,4,5,6,7-heptachloronaphthalene | 58863-14-2 | | |
| Octachloronaphthalene | 2234-13-1 | | |

| NITROSO AMMINE / N-NITROSAMINE | | | |
|--|----------|------------|--------------------------------|
| N-Nitrosodimethylamine (NDMA) | 62-75-9 | GB/T 24153 | ND (< 0.5 mg/kg ciascuno/each) |
| N-Nitrosodiethylamine (NDEA) | 55-18-5 | | |
| N-Nitrosodipropylamine (NDPA) | 621-64-7 | | |
| N-Nitrosodibutylamine (NDBA) | 924-16-3 | | |
| N-Nitrosopyrrolidine (NPNR) | 930-55-2 | | |
| N-Nitrosomorpholine (NMOR) | 59-89-2 | | |
| N-Nitrosopiperidine (NPIP) | 100-75-4 | | |
| N-Nitroso-methyl-N-phenylamine (NMPHA) | 614-00-6 | | |
| N-Nitroso-ethyl-N-phenylamine (NEPHA) | 612-64-6 | | |

| PARAFFINE CLORURATE / CHLORINATED PARAFFINS | | | |
|---|------------|----------------|---------------|
| Short-chain Chlorinated Paraffins (SCCPs) | 85535-84-8 | NEW! ISO 22818 | Σ < 50 mg/kg |
| Medium-chain Chlorinated Paraffins (MCCPs) | 85535-85-9 | | Σ < 100 mg/kg |

| PERFLUORURATI A CATENA LUNGA E CORTA E SOSTANZE POLIFLUORURATE (PFC) / LONG AND SHORT CHAIN PERFLUORINATED AND POLYFLUORINATED CHEMICALS (PFC's) | | | |
|--|-------------|------------------------|--|
| NEW! All PFAS as measured by total organic fluorine | Various | EN 14582 or ASTM D7359 | NEW! 25 mg/Kg |
| PFOS E SOSTANZE DERIVATE / PFOS AND RELATED SUBSTANCES | | | |
| Perfluorooctane sulfonic acid (PFOS) | 1763-23-1 | CEN/TS 15968 | ND (< 1 µg/m ² / 0,002 mg/kg) ciascuno/each |
| Perfluorooctanesulfonic acid, potassium salt (PFOS-K) | 2795-39-3 | | |
| NEW! Perfluorooctanesulfonic acid, lithium salt (PFOS-Li) | 29457-72-5 | | |
| Perfluorooctanesulfonic acid, ammonium salt (PFOS-NH4) | 29081-56-9 | | |
| Perfluorooctane sulfonate diethanolamine salt (PFOS-NH(OH)2) | 70225-14-8 | | |
| Perfluorooctanesulfonic acid, tetraethylammonium salt (PFOS-N(C2H5)4) | 56773-42-3 | | |
| Didecylidimethyl ammonium perfluorooctane sulfonate (PFOS-N(C10H21)2(CH3)2) | 251099-16-8 | | |
| N-Ethyl perfluorooctane sulfonamide (N-EI-FOSA) | 4151-50-2 | | |
| N-Methyl perfluorooctane sulfonamide (N-Me-FOSA) | 31506-32-8 | | |
| N-Ethyl perfluorooctane sulfonamide ethanol (N-EI-FOSE) | 1691-99-2 | | |
| N-Methyl perfluorooctane sulfonamide ethanol (N-Me-FOSE) | 24448-09-7 | | |
| Perfluoro-1-octanesulfonyl fluoride (POSF) | 307-35-7 | | |
| Perfluorooctane sulfonamide (PFOSA) | 754-91-6 | | |

PFOS and related substances are defined by Reg. 2019/1021 (EU) as C8F17SO2X, (X = OH, Metal salt (O-M+), halide, amide, and other derivatives including polymers).

| PFOA E SUOI SALI / PFOA AND ITS SALTS | | | |
|--|-----------|--------------|--|
| Perfluorooctanoic acid (PFOA) | 335-67-1 | CEN/TS 15968 | ND (< 1 µg/m ² / 0,002 mg/kg) ciascuno/each |
| Sodiumperfluorooctanoate (PFOA-Na) | 335-95-5 | | |
| Potassiumperfluorooctanoate (PFOA-K) | 2395-00-8 | | |
| Silverperfluorooctanoate (PFOA-Ag) | 335-93-3 | | |
| Perfluorooctanoyl fluoride (PFOA-F) | 335-66-0 | | |
| NEW! Ammoniumpentadecafluorooctanoate (APFO) | 3825-26-1 | | |

N.B. PFOA its salts and related substances are defined by Reg. 2019/1021 (EU) as perfluorooctanoic acid, including any of its branched isomers, its salts, PFOA-related compounds which, for the purposes of the Convention, are any substances that degrade to PFOA, including any substances (including salts and polymers) having a linear or branched perfluoroheptyl group with the moiety (C7F15)-C as one of the structural elements.

The following compounds are not included as PFOA-related compounds:

- C8F17-X, where X = F, Cl, Br;
- fluoropolymers that are covered by CF3[CF2]n-R', where R'=any group, n>16;
- perfluoroalkyl carboxylic acids (including their salts, esters, halides and anhydrides) with ≥ 8 perfluorinated carbons;
- perfluoroalkane sulfonic acids and perfluoro phosphonic acids (including their salts, esters, halides and anhydrides) with ≥ 9 perfluorinated carbons;
- perfluorooctane sulfonic acid and its derivatives (PFOS).

| PFOA SOSTANZE CORRELATE / PFOA-RELATED SUBSTANCES | | | |
|--|------------------------------------|--------------|--|
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2FTS) | 39108-34-4 | CEN/TS 15968 | ND (< 1 µg/m ³ / 0,002 mg/kg) ciascuno/each |
| Methylperfluorooctanoate (Me-PFOA) | 376-27-2 | | |
| Ethylperfluorooctanoate (Et-PFOA) | 3108-24-5 | | |
| Perfluorocyclohexane 8:2 (8:2FTOH) | 678-39-7 | | |
| 1H,1H,2H,2H-Perfluorodecylacrylate (8:2FTA) | 27905-45-9 | | |
| 1H,1H,2H,2H-Perfluorodecylmethacrylate (8:2FTMA) | 1996-88-9 | | |
| 2H,2H-Perfluorodecanoic acid (H2PFDA) | 27854-31-5 | | |
| PFHxS E SUOI SALI / PFHxS AND ITS SALTS | | | |
| Perfluorohexane Sulfonic acid (PFHxS) | 355-46-4 | CEN/TS 15968 | ND (< 1 µg/m ³ / 0,002 mg/kg) ciascuno/each |
| Perfluorohexane Sulfonic acid, potassium salt (PFHxS-K) | 3871-99-6 | | |
| Perfluorohexane Sulfonic acid, sodium salt (PFHxS-Na) | 82382-12-5 | | |
| NEW! Perfluorohexane Sulfonic acid, ammonium salt (PFHxS-NH4) | 68259-08-5 | | |
| NEW! Perfluorohexane Sulfonic acid, lithium salt (PFHxS-Li) | 55120-77-9 | | |
| PFHxS SOSTANZE CORRELATE / PFHxS-RELATED SUBSTANCES | | | |
| NEW! N-Methylperfluoro-1-hexanesulfonamide (N-Me-FHxSA) | 68259-15-4 | CEN/TS 15968 | ND (< 1 µg/m ³ / 0,002 mg/kg) ciascuno/each |
| NEW! Perfluorohexane sulfonamide (PFHxSA) | 41997-13-1 | | |
| PFAS C9 - C14 A CATENA LUNGA E SUOI SALI / LONG CHAIN PFAS C9 - C14 AND THEIR SALTS | | | |
| Perfluorononanoic Acid (PFNA, C9-PFCA) | 375-95-1 | CEN/TS 15968 | ND (< 1 µg/m ³ / 0,002 mg/kg) ciascuno/each |
| Perfluorodecanoic Acid (PFDA, C10-PFCA) | 335-76-2 | | |
| Perfluoroundecanoic Acid (PFUnA, C11-PFCA) | 2058-94-8 | | |
| Perfluorododecanoic Acid (PFDoA, C12-PFCA) | 307-55-1 | | |
| Perfluorotridecanoic Acid (PFTrDA, C13-PFCA) | 72629-94-8 | | |
| Perfluorotetradecanoic Acid (PFTeDA, C14-PFCA) | 376-06-7 | | |
| Perfluoro-3,7-dimethyloctanecarboxylate (PF-3,7-DMOA) | 172155-07-6 | | |
| | | | |
| Long Chain PFAS its salts and related substances are defined by Reg. 2006/1907 EU – REACH annex XVII entry 68, as: | | | |
| - Linear and branched perfluorocarboxylic acids of the formula CnF2n+1C(=O)OH where n = 8, 9, 10, 11, 12, or 13 (C9-C14 PFCA), including their salts, and any combinations thereof. | | | |
| - Any C9-C14 PFCA-related substance having a perfluoro group with the formula CnF2n+1- directly attached to another carbon atom, where n = 8, 9, 10, 11, 12, or 13, including their salts and any combinations thereof. | | | |
| - Any C9-C14 PFCA-related substance having a perfluoro group with the formula CnF2n+1- that it is not directly attached to another carbon atom, where n = 9, 10, 11, 12, 13 or 14 as one of the structural elements, including their salts and any combinations thereof. | | | |
| The following substances are excluded from this designation: | | | |
| - CnF2n+1-X, where X = F, Cl, or Br where n = 9, 10, 11, 12, 13 or 14, including any combinations thereof, CnF2n+1-C(=O)OX' where n > 13 and X' = any group, including salts. | | | |
| PFAS C9 - C14 A CATENA LUNGA PFCA-SOSTANZE CORRELATE / LONG CHAIN PFAS C9 - C14 PFCA RELATED SUBSTANCES | | | |
| 1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA) | 17741-60-5 | CEN/TS 15968 | ND (< 1 µg/m ³ / 0,002 mg/kg) ciascuno/each |
| 1H,1H,2H,2H-Perfluorododecanol (10:2 FTOH) | 865-86-1 | | |
| 2H,2H,3H,3H-Perfluoroundecanoic acid (H4PFUnA) | 34598-33-9 | | |
| Perfluorocyclohexane 8:2 (8:2 FTOH) | 678-39-7 | | |
| NEW! 1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH) | 39239-77-5 | | |
| NEW! 1H,1H,2H,2H-Perfluorododecanesulphonic acid (10:2 FTS) | 120226-60-0; 108026-35-3 | | |
| NEW! 1H,1H,2H,2H-Perfluorododecyl iodide (10:2 FTI) | 2043-54-1 | | |
| NEW! 1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI) | 30046-31-2 | | |
| NEW! 1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA) | 2144-54-9 | | |
| | | | |
| ALTRI / OTHER | | | |
| NEW! Perfluoronansulphonic acid (PFNS) | 35192-74-6; 29359-39-5; 17202-41-4 | CEN/TS 15968 | ND (< 1 µg/m ³ / 0,002 mg/kg) ciascuno/each |
| NEW! Perfluorododecanesulphonic acid (PFDoS) | varie | | |
| NEW! Perfluoro-2-methyl-3-oxahexanoic acid | 13252-13-6 | | |
| Chromium(3+) perfluorooctanoate | 68141-02-6 | | |
| N,N,N-Triethylethanaminium pentadecafluorooctanoate | 98241-25-9 | | |
| 1H,1H,2H,2H-Perfluorooctyl acrylate | 17527-29-6 | | |
| 1H,1H,2H,2H-Tridecafluoro-n-octylMethacrylate | 2144-53-8 | | |
| 1H,1H,2H,2H- Perfluorooctanesulphonic acid (1H,1H,2H,2H-PFOS) | 27619-97-2 | | |
| Perfluorooctyl phosphonic acid | 40143-78-0 | | |
| Polyfluorinated iodide (8:2 FTI) | 2043-53-0 | | |
| Perfluorooctyl iodide (PFOI) | 507-63-1 | | |
| perfluorodecanoic acid (PFDA - PFUnA) | 4234-23-5 | | |
| perfluorononanoic acid (PFNA) | 21049-39-8; 4149-60-4 | | |
| Perfluorocyclobutane- c-C4F8 | 115-25-3 | | |
| 7H-dodecafluoroheptanoate (7H PFHpA) | 1546-95-8 | | |
| Perfluoropentanoic acid (PFPA) | 2706-90-3 | | |
| Perfluoro-n-hexanoic acid (PFHxA) | 307-24-4 | | |
| Perfluoropentane – C5F14 | 355-42-0 | | |
| Perfluorohexane sulphonates (PFHxS) | 432-50-7 | | |
| Perfluorobutanoic acid (PFBA) | 375-22-4 | | |
| Perfluorobutane (PFBS) | 375-73-5; 749861-23-2 ; 59933-66-3 | | |
| Perfluoroheptanoic acid (PFHpA) | 375-85-9 | | |
| Perfluoro-1-heptanesulfonic acid (PFHpS) | 375-92-8 | | |
| Perfluorohexane sulphonates Na-salt (PFHxS-Na) | 82382-12-15 | | |
| Perfluoroheptane sulphonates Na-salt (PFHpS-Na): sodium; 1,1, 2,2, 3,3, 4,4, 5,5, 6,6, 7,7, 7-pentadecafluoroheptane-1-sulfinate | 68555-66-8 | | |
| Perfluorodecane sulphonates Na-salt (PFHpS-Na) | 2806-15-7 | | |
| Perfluorodecane sulphonates K-salt (PFHpS-K) | 2806-16-8 | | |
| Perfluorodecane sulphonates NH4-salt (PFHpS-NH4) | 67906-42-7 | | |
| PerfluorobutaneSulfonic acid potassium salt (PFBS-K) . Alias . Perfluorobutanesulfonate K-salt L-PFBS | 29420-49-3 | | |
| Henicosafuorodecanesulphonic acid | 335-77-3 | | |
| Fluorotelomer phosphate monoester (8:2 monoPAP) | 57678-03-2 | | |
| Fluorotelomer phosphate diester (8:2 diPAP) | 678-41-1 | | |
| 1H,1H,2H,2H-Perfluorododecylmethylchlorosilane | 3102-79-2 | | |
| 1H,1H,2H,2H-Perfluoro-1-Hexanol (4:2 FTOH) | 2043-47-2 | | |
| 1H,1H,2H,2H-Perfluoro-1-Oktanol (6:2 FTOH) | 647-42-7 | | |
| 1H,1H,2H,2H-perfluoro-1-dodecanesulfonate (10:2 FTS) | 108026-35-3 | | |
| Perfluoronansulphonic acid (PFNS) | 35192-74-6; 17202-41-4; 29359-39-5 | | |
| Perfluorododecanesulphonic acid (PFDoS) | varie | | |
| Perfluoro-2-methyl-3-oxahexanoic acid | 13252-13-6 | | |

| PESTICIDI / PESTICIDES | | | |
|--|--|--------------------------------------|---------------|
| 2,4,5-trichlorophenoxyacetic acid, its salts and compounds [2,4,5-T] | 93-76-5 | EPA 8081 B EPA 8141 EPA 8151 A | Σ < 0,5 mg/kg |
| Aldrine | 309-00-2 | | |
| Chlordane | 57-74-9 | | |
| p,p-Dichlorodiphenyl-dichloroethane (p,p-DDD) | 72-54-8, 53-19-0 | | |
| p,p-Dichlorodiphenyl-dichloroethylene (p,p-DDE) | 72-55-9, 324-82-6 | | |
| p,p-Dichlorodiphenyl-trichloroethane (p,p-DDT) | 50-29-3, 789-02-6 | | |
| Dieldrine | 60-57-1 | | |
| Endrine | 72-20-8 | | |
| Heptachloroepoxide | 1024-57-3 | | |
| Hexachlorocyclohexane,ε (All isomers) | 608-73-1; 319-84-6 ; 319-85-7 ; 319-86-8 | | |
| Isodrin | 465-73-6 | | |
| Kelevane | 4234-79-1 | | |
| Kepone (Chlordecone) | 143-50-0 | | |
| Lindane | 58-89-9 | | |
| Methoxychlor | 72-43-5 | | |
| Mirex | 2385-85-5 | | |
| Perthane | 72-56-0 | | |
| Strobane | 8001-50-1 | | |
| Telodrine | 297-78-9 | | |
| Toxaphen | 8001-35-2 | | |
| Halogenated naphthalenes with the formula C10HnX8-n (x=halogen, n=1,2,...7) | vari/variou | | |
| Halogenated diarylalkanes | vari/variou | | |
| 2-(2,4,5-Trichlorophenoxy) propionic acid and its salts | 93-72-1 | | |
| Monomethyl-tetrachloro-diphenyl methane | 76253-60-6 | | |
| Monomethyl-dibromo-diphenyl methane | 99688-47-8 | | |
| Quintozene (pentachloronitrobenzene) | 82-68-8 | | |
| Halogenated compounds + Polychlorinated terphenyls (PCT's) | 61788-33-8 | | |
| Polychlorinated bisphenils (PCB's)* | 1336-36-3 + 53469-21-9 | | |
| Halogenated diphenyl methanes | 81161-70-8 + vari/variou | | |
| Captafol | 2425-06-1 | | |
| Chlordimeform | 6164-98-3 | | |
| Dinoseb and salts | 88-85-7 + suoi Sali e acetati | | |
| DTTB - Timiperone (4,6-Dichloro-7-(2,4,5-trichlorophenoxy)-2-trifluoromethylbenzimidazole | 57648-21-2; 63405-99-2 | | |
| Endosulfan [thiosulfan] | 115-29-7*, 959-98-8, 33213-65-9 | | |
| Heptachlor | 76-44-8 | | |
| Malathion | 121-75-5 | | |
| Parathion | 56-38-2 | | |
| Parathion-methyl | 298-00-0 | | |
| Halogenated terphenyls with the formula C18HnX14-n (x=halogen, n=1,2,...13) | vari/variou | | |
| Diazinon | 333-41-5 | | |
| Dicofol | 115-32-2 | | |
| Dichlorprop | 120-36-5 | | |
| Dicrotophos - [Nome IUPAC: (2E)-3-[(dimethoxyphosphoryloxy)-N,N-dimethylbut-2-enamide] | 141-66-2 | | |
| Dimethoate | 60-51-5 | | |
| MCPA | 94-74-6 | | |
| MCPB | 94-81-5 | | |
| Mecoprop / 2-(4-chloro-2-methylphenoxy) propanoic acid | 93-65-2 | | |
| Metamidophos | 10265-92-6 | | |
| Monocrotophos | 6923-22-4 | | |
| 2,4-Diclorophenoxy-acetic acid its salts and compounds (2,4-D) | 94-75-7 | | |
| Azinophosmethyl | 86-50-0 | | |
| Azinophosethyl | 2642-71-9 | | |
| Bromophos-ethyl | 4824-78-6 | | |
| Carbaryl | 63-25-2 | | |
| Chlorbenzilate | 510-15-6 | | |
| Esfenvalerate | 66230-04-4 | | |
| Fenvalerate | 51630-58-1 | | |
| Hexachlorobenzene | 118-74-1 | | |
| Ethylene dibromide [EDB] | 106-93-4 | | |
| Phosdrin/Mevinphos: methyl (E)-3-dimethoxyphosphoryloxybut-2-enoate | 7786-34-7 | | |
| Pentachloranisol | 1825-21-4 | | |
| Propethamphos | 31218-83-4 | | |
| Profenophos | 41198-08-7 | | |
| Quinalphos | 13593-03-8 | | |
| Silafluofen | 105024-66-6 | | |
| Tolyfluamide | 731-27-1 | | |
| Trifluralin | 1582-09-8 | | |
| Halogenated biphenyls with the formula C12HnX10-n (x=halogen, n=1,2,...9) | Various | | |
| Pentachlorobenzene | 608-93-5 | | |
| 1,2,4,5-tetrachlorobenzene | 95-94-3 | | |
| Permethrin / (CIS+TRANS)-3-PHENOXYBENZYL 3-(2,2-DICHLOROETHENYL)-2,2-DIMETHYLCYCLOPROPANECARBOXYLATE | 52645-53-1 | | |
| Chlorfenvinphos | 470-90-6 | | |
| Coumaphos | 56-72-4 | | |
| Cyfluthrin | 68359-37-5 | | |
| Chlorthalonil | 1897-45-6 | | |
| Cyhalothrin | 91465-08-6 | | |
| Cypermethrin (alpha, beta) | 52315-07-8 | | |
| DEF (S,S,S-Tributyl phosphorotriothoate) | 78-48-8 | | |
| DDF | 54261-67-5 | | |
| Deltamethrin | 52918-63-5 | | |
| Dichlofulanid | 1085-98-9 | | |
| NEW! Atrazine | 1912-24-9 | | |

| pH DELL'ESTRATTO ACQUOSO | | | |
|--------------------------|-----|----------|---------|
| pH Value | N/A | ISO 3071 | 4,0-7,5 |

RITARDANTI DI FIAMMA / FLAME RETARDANTS

| | | | | | |
|---|--|----------------------------|------------------------------|--|--------------------------------|
| Mono e Polybrominated biphenyls (PBB's) | 59536-65-1 + 13654-09-6 + vari/vari | ISO 17881-1 ISO 17881-2 | ND (< 5 mg/kg ciascuno/each) | | |
| Tri-(2,3-dibromopropyl)-phosphate (TRIS) o (TDBPP) | 126-72-7 | | | | |
| Tris-(1-aziridinil)-phosphine-oxide (TEPA) | 545-55-1 | | | | |
| Pentabromodiphenyl ether (PentaBDE) | 32534-81-9; 60348-60-9; 189084-64-8 | | | | |
| Octabromodiphenyl ether (OctaBDE) | 32536-52-0 | | | | |
| Nonabromodiphenyl ether (NonaBDE): 1,2,3,4,5-pentabromo-6-(2,3,4,5-tetrabromophenoxy)benzene | 63936-56-1 | | | | |
| Decabromodiphenyl ether (DecaBDE) | 1163-19-5 | | | | |
| Tris (2-chloroethyl) phosphate (TCEP) | 115-96-8 | | | | |
| Tris (1,3-dicloro-2-propil fosfato (TDCPP) chiamato anche Tris(2-cloro-1-(clorometil)etil) fosfato (TDCP) | 13674-87-8 | | | | |
| Hexabromocyclododecanes (HBCDD - α HBCDD - β HBCDD - gHBCDD) | 25637-99-4; 3194-55-6; 134237-50-6; 134237-51-7; 134237-52-8 | | | | |
| Bis(2,3-dibromopropylether) of tetrabromobisphenol (BDBPT) | 21850-44-2 | | | | |
| Diboron Trioxide(Triossido di Boro) | 1303-86-2 | | | | |
| Tetraboron disodium heptaoxide, hydrate | 12267-73-1 | | | | |
| Tri-o-cresyl phosphate (ToCP) | 78-30-8 | | | | |
| HeptaBromoDiphenylEther (heptaBDE) | 68928-80-3 + vari/vari | | | | |
| HexaBromoDiphenyl Ether (hexaBDE) | 36483-60-0 | | | | |
| TetraBromoDiFenil Etere (tetraBDE) | 5436-43-1; 40088-47-9 | | | | |
| Trixylphosphate (TXP) | 25155-23-1 | | | | |
| TetraBromobisphenol A (TBBPA) | 79-94-7 | ISO 17881-1 ISO 17881-2 | ND (< 5 mg/kg ciascuno/each) | | |
| 2,2 Bis(bromomethyl)-1,3-propanediol (BBMP) | 3296-90-0 | | | | |
| Triphenyl phosphate (TPHP) | 115-86-6 | | | | |
| Tris(1-chloro-2-propil) phosphate (TCPP) | 13674-84-5 | | | | |
| PolyBromurateDiphenylEther (PBDEs) | vari/vari | | | | |
| 1,2-Ethylhexyl 2,3,4,5-Tetrabromobenzoate (TBB) | 183658-27-7 | | | | |
| bis(2-ethylhexyl) 3,4,5,6-tetrabromophthalate (TBPH) | 26040-51-7 | | | | |
| NEW! 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA) | 36483-57-5 | | | | |
| NEW! 2,3-dibromo-1-propanol (2,3-DBPA) | 1522-92-5; 96-13-9 | | | | |
| NEW! Trimethyl phosphate | 512-56-1 | | | | |
| NEW! Orthoboric acid, sodium salt | 13840-56-7 | | | | |
| NEW! Decabromodiphenyl ethane (DBDPE) | 84852-53-9 | | | | |
| NEW! Decabromodifeniletano (DBDP) | 84852-53-9 | | | | |
| | | | | | ND (< 100 mg/kg ciascuno/each) |
| | | | | | < 10 mg/kg ciascuno/each |

SILOSSANI / SILOXANS

| | | | |
|------------------------------------|----------|-------------------------------------|------------------|
| Octamethylcyclotetrasiloxane (D4) | 556-67-2 | Solvent extraction + GC-MS analysis | NEW! < 500 mg/kg |
| Decamethylcyclopentasiloxane (D5) | 541-02-6 | | |
| Dodecamethylcyclohexasiloxane (D6) | 540-97-6 | | |

SOLVENTI \ SOLVENTS

| | | | |
|--|-----------|-----------|-------------------|
| Formamide | 75-12-7 | ISO 16189 | NEW! < 1000 mg/kg |
| 1-Methyl-2-pyrrolidone (NMP) | 872-50-4 | | ND (< 10 mg/kg) |
| N-N-DIMETHYLFORMAMIDE (DimethylFormamide DMFa) | 68-12-2 | | < 100 mg/kg |
| NEW! 2-Methoxyethanol | 109-86-4 | | < 200 mg/kg |
| NEW! bis(2-(2-methoxyethoxy)ethyl) ether, Tetraglyme | 143-24-8 | | |
| NEW! N-Ethyl-2-pyrrolidone (NEP) | 2687-91-4 | | ND (< 10 mg/kg) |

STABILIZZATORI UV / UV STABILIZERS

| | | | |
|---|------------|---|--------------|
| 2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV 350) | 36437-37-3 | ISO/DIS 24040 + solvent extraction + LC-MS analysis | < 1000 mg/kg |
| 2-(2H-Benzotriazol-2-yl)-4,6-di-tert-pentilphenol (UV 328) | 25973-55-1 | | |
| 2,4-DI-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV 327) | 3864-99-1 | | |
| 2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV 320) | 3846-71-7 | | |

DIOSSINE & FURANI / DIOXINS & FURANS

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|--|-------------|-------------------------------------|--------------------------------|
| 1,2,3,7,8-pentachlorodibenzo-p-dioxin | 40321-76-4 | Solvent extraction + GC-MS analysis | ND (< 0,5 mg/kg ciascuno/each) |
| 2,3,4,7,8-pentachlorodibenzo-furan | 57117-31-4 | | |
| 2,3,7,8-tetrachlorodibenzo-furan | 51207-31-9 | | |
| 2,3,7,8-tetrachlorodibenzo-p-dioxin | 1746-01-6 | | |
| 1,2,3,4,7,8-hexachlorodibenzo-p-dioxin | 39227-28-6 | | |
| 1,2,3,6,7,8-hexachlorodibenzo-p-dioxin | 57653-85-7 | | |
| 1,2,3,6,7,8-hexachlorodibenzofuran | 57117-44-9 | | |
| 1,2,3,7,8,9-hexachlorodibenzo-p-dioxin | 19408-74-3 | | |
| 1,2,3,7,8,9-hexachlorodibenzofuran | 57117-41-6 | | |
| 1,2,3,7,8-pentachlorodibenzofuran | 57117-41-6 | | |
| 2,3,4,6,7,8-hexachlorodibenzofuran | 60851-34-5 | | |
| 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin | 35822-46-9 | | |
| 1,2,3,4,6,7,8-heptachlorodibenzofuran | 67562-39-4 | | |
| 1,2,3,4,6,7,8,9-octachlorodibenzo-p-dioxin | 3268-87-9 | | |
| 1,2,3,4,6,7,8,9-octachlorodibenzofuran | 39001-02-0 | | |
| 1,2,3,4,7,8,9-heptachlorodibenzofuran | 55673-89-7 | | |
| 1,2,3,7,8-pentabromodibenzo-p-dioxin | 109333-34-8 | | |
| 2,3,4,7,8-pentabromodibenzofuran | 131166-92-2 | | |
| 2,3,7,8-tetrabromodibenzofuran | 67733-57-7 | | |
| 2,3,7,8-tetrabromodibenzo-p-dioxin | 50585-41-6 | | |
| 1,2,3,4,7,8-hexabromodibenzo-p-dioxin | 110999-44-5 | | |
| 1,2,3,6,7,8-hexabromodibenzo-p-dioxin | 110999-45-6 | | |
| 1,2,3,7,8-pentabromodibenzofuran | 107555-93-1 | | |
| 1,2,3,7,8,9-hexabromodibenzo-p-dioxin | 110999-46-7 | | |