

## ALLEGATO 2C - CONDIZIONI GENERALI DI ACQUISTO – rev. 2023

### PRSL Ratti - rev.1.0

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:acid digestion & ICP-MS / ICP-OES	< 1000 mg/kg
AMIANTO / ASBESTOS			
Actinolite	77536-66-4	US EPA/600/R-93/16	ND (ciascuno/each)
Amosite	12172-73-5		
Anthophyllite	77536-67-5		
Chrysolite	12001-29-5		
Crocidolite	12001-28-4; 132207-32-0		
Tremolite	77536-68-6		
AMMINE AROMATICHE (COLORANTI AZOICI) / AZO DYES			
Biphenyl-4-ylamin, 4-aminobiphenyl xenylamine	92-67-1	EN ISO 14362-1 EN ISO 14362-3	ND ( < 5 mg/kg ciascuno/each)
Benzidine	92-87-5		
4-chloro-o-toluidine	95-69-2; (3165-93-3)		
2-naphtylamine	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-Diaminoanisol)	615-05-4; (39156-41-7)		
4,4'-methylenedianiline / (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'-methylenedi-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-toluylendiamine)	137-17-7; (21436-97-5)		
2,4,5-trimethylaniline	90-04-0		
o-anisidine / (2-methoxyanilin)	60-09-3		
4-amino azobenzene / (p-Aminobenzene)	95-68-1		
2,4-xylidine	87-62-7		
2,6-xylidine			
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) < 5 mg/kg  Σ (NPEO+OPEO) < 25 mg/kg  Σ (NP+OP+NPEO+OPEO) < 100 mg/kg (only for recycled/regenerated materials)
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/ various		
Nonylphenol Diethoxylates, NP2EO	vari/ various		
Octylphenoethoxylates (OPEO)	9036-19-5; 68987-90-6; 9002-93-1; 2315-67-5; 2315-61-9; 2497-59-8		
Octylphenol monoethoxylates (OP1EO)	vari/ various		
Octylphenol Dietoxylates (OP2EO)	vari/ various		
BIFENILI POLICLORURATI \ POLICHLOROBIPHENILS (PCBs)			
2,4,4'-trichlorobiphenyl (PCB 28)	7012-37-5	EPA 3540C EPA 8082A	< 0.1 mg/kg ciascuno\each  Σ < 0.5 mg/kg
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	(only for natural fibers)
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 / BISPHENOLS (BP)			
Bisfenolo A (BPA)	80-05-7	Extraction 1 g of sample / 20 ml THF ultrasound @60°C 60 minutes; LC/MS	BPF & BPS < 500 mg/kg (BPA; BPAF; BPB) < 1 mg/kg ciascuno/each
Bisfenolo S (BPS)	80-09-1		
Bisfenolo F (BPF)	620-92-8		
Bisfenolo AF (BPAF)	1478-61-1		
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	541-73-1; 106-46-7; 95-50-1; (25321-22-6 mix isomeri)		
Trichlorobenzenes	108-70-3; 120-82-1; 87-61-6; (12002-48-1 mix isomeri)		
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 isomeri)		
Dichlorotoluenes	95-73-8; 19398-61-9; 118-69-4; 32768-54-0; 95-75-0 (29797-40-8 mix di isomeri)		
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	DIN 54231:2005 with methanol extraction at 70 °C	< 50 mg/kg

CLOROFENOLI / CHLOROPHENOLS			
PCP (PentaCloroFenolo)	87-86-5	EN ISO 17070 extraction in KOH For Proteic fiber: EN ISO 17070 extraction in K <sub>2</sub> CO <sub>3</sub> (Potassium carbonate)	ND (< 0.05mg/kg)
TeCP's	935-95-5; 58-90-2; 4901-51-3; 25167-83-3		ND (< 0.05mg/kg)
TriCPs (TCP)	88-06-2; 933-75-5; 933-78-8; 95-95-4; 15950-66-0; 609-19-8; 25167-82-2		Σ < 0.5 mg/kg
MonoChloroPhenol (MCPs)	95-57-8; 108-43-0; 106-48-9		
DichloroPhenols (DCP o DiCP)	576-24-9; 120-83-2; 583-78-8; 87-65-0; 95-77-2; 591-35-5		< 0.5 mg/kg
o-Fenilfenolo (OPP)	90-43-7		

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

COLORANTI DISPERSI / DISPERSE DYES			
Acid red 26	3761-53-3	ISO 16373-2	< 5 mg/kg ciascuno/each
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		
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		
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		

ALTRI COLORANTI / OTHER DYES			
Navy Blue	Component 1: CAS n.: 118685-33-9 C <sub>39</sub> H <sub>23</sub> ClCrN <sub>7</sub> O <sub>12</sub> S <sub>2</sub> Na Component 2: C <sub>46</sub> H <sub>30</sub> CrN <sub>10</sub> O <sub>20</sub> S <sub>2</sub> 3Na	ISO 16373-2	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		
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 14 (amino azobenzene)	60-09-3		
Solvent Yellow 3	97-56-3		

COMPOSTI ORGANICI VOLATILI / VOLATILE ORGANIC COMPOUNDS (VOCs)			
BENZENE	71-43-2	Head space GC MS incubation @ 120°C 45 minutes	Benzene $< 5$ mg/kg  $\Sigma < 20$ mg/kg
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		
p-cresol (Methylphenols)	106-44-5		$\Sigma < 500$ mg/kg
m-cresol (Methylphenols)	108-39-4		
ETHYLBENZENE	100-41-4		$\Sigma < 500$ mg/kg
STYRENE	100-42-5		
CYCLOHEXANONE	108-94-1		
1,1,2,2-TetraChloroEthane	79-34-5		
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		$< 40$ mg/kg
1,2-Dichloroethane	107-06-2		
TRICHLOROETHYLENE	79-01-6		$< 3$ mg/kg ciascuno/each
TETRACHLOROETHYLENE**	127-18-4		
Diclorometano (Methylenechloride)	75-09-2		$< 100$ ppm
Hexachlorobutadiene	87-68-3		
1,2,3-Trichloropropane	96-18-4		$< 1000$ ppm
1-Bromopropane; n-propyl bromide	106-94-5		

COMPOSTI ORGANOSTANNICI / ORGANOTIN COMPOUNDS			
TBT (Tributyltin) + TBTO	1461-22-9; 36643-28-4; (56573-85-4; 56-35-9)	ISO/TS 16179	ND ( $\Sigma < 1$ 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; 36580-86-6; (6056-50-4; 3047-10-7)		
TebT (Tetrabutyltin)	1461-25-2		
MOT (MonoOctilTin)	3091-25-6; (15231-57-9)		
DMT (Dimethyltin)	753-73-1		
TMT (Trimethyltin)	1066-45-1; 5089-96-3; (17272-57-0; 1631-73-8)		
MMT o MT (Monomethyltin)	993-16-8; (23001-26-5; 83221-98-1)		
MPT (Monophenyltin)	2406-68-0		
DPT (Diphenyltin)	1011-95-6; (6381-06-2)		

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

FORMALDEIDE LIBERA / FREE FORMALDEHYDE			
Free formaldehyde	50-00-0	JIS L 1041-1983 Met.A	Bambino (kid): $< 16$ mg/kg Adulto (adult): $< 75$ mg/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)  (contamination limit Σ < 100 mg/kg)
1,2 benzene dicarboxylic acid di c6-8 branched alkyl ester, c7 rich (DIHP)	71888-89-6		
Bis(2 metoxyetil) ftalato (BMEP)	117-82-8		
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 (DNIIPP)	84777-06-0		
Bis(2-ethylxyl)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-isononil ftalato (DINP)	28553-12-0; 68515-48-0		
Di-isodecil ftalato (DIDP)	26761-40-0; 68515-49-1		
Di-n-HexylPhtalate (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-cyclohexylphthalates(DCHP)	84-61-7		
1,2-Benzenedicarboxylic acid dihexyl ester, branched and linear (DHxP)	68515-50-4		
D-n-propyl phthalate (DPRP)	131-16-8		
Di-isocetyl phthalate (DIOP)	27554-26-3		
Dinonil phthalate (DNP)	84-76-4		
Di-isohexyl 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	AfPS GS 2019-01 PAK	< 1 mg/kg ciascuno/each  Σ < 10 mg/kg
Benzo(a)anthracene / (Benzo(a)tracene)	56-55-3		
Benzo(j)fluoranthene	205-82-3		
Benzo(e)pyrene	192-97-2		
Dibenzo(a,h)anthracene / (Dibenzo(a)tracene)	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	AfPS GS 2019-01 PAK	< 1 mg/kg ciascuno/each  Σ < 10 mg/kg
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		
Dibenz(a,e)pyrene	192-65-4		
Dibenz(a,h)pyrene	189-64-0		
Dibenz(a,i)pyrene	189-55-9		
Dibenz(a,l)pyrene	191-30-0		
1-Methylpyrene	2381-21-7		

METALLI PESANTI / HEAVY METALS			
ANTIMONIO - ANTIMONY (Sb)	Estrazione / Extractable	EN 16711-2	< 30 mg/kg
	Totale / Total	EN 16711-1	< 40 mg/kg < 260 mg/kg polyester
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
	Totale / Total	EN 16711-1	ND (< 0.1 mg/kg)
CADMIO - CADMIUM (Cd)	Estrazione / Extractable	EN 16711-2	< 40 mg/kg
	Totale / Total	EN 16711-1	< 4 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 < 4 mg/kg con coloranti premetallizzati/ pre-metallized dyes
	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)	Estrazione / Extractable	EN 16711-1	< 40 mg/kg
	Totale / Total	EN 16711-1	< 25 mg/kg
RAME - COPPER (Cu)	Estrazione / Extractable	EN 16711-2	< 500 mg/kg
SELENIO - SELENIUM (Se)	Estrazione / Extractable	EN 16711-2	< 50 mg/kg
ZINCO - ZINC (Zn)	Estrazione / Extractable	EN 16711-2	< 50 mg/kg

N,N-DIMETHYLACETAMIDE (DMA)			
N,N-Dimethylacetamide (DMA)	127-19-5	ISO/TS 16189	< 300 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	62-75-9	GB/T 24153	ND (< 0,5 mg/kg ciascuno/each)
N-Nitrosodiethylamine	55-18-5		
N-Nitrosodipropylamine	621-64-7		
N-Nitrosodibutylamine	924-16-3		
N-Nitrosopyrrolidine	930-55-2		
N-Nitrosomorpholine	59-89-2		
N-Nitrosopiperidine	100-75-4		
N-Nitroso-methyl-N-phenylamine	614-00-6		
N-Nitroso-ethyl-N-phenylamine	612-64-6		

  

PARAFFINE CLORURATE / CHLORINATED PARAFFINS			
Short-chain Chlorinated Paraffins (SCCP)	85535-84-8	ISO 18219	Σ < 50 mg/kg (coated materials)
Medium-chain Chlorinated Paraffins (MCCP)	85535-85-9		Σ < 100 mg/kg (coated materials)

  

PERFLUORURATI A CATENA LUNGA E CORTA E SOSTANZE POLIFLUORURATE (PFC) / LONG AND SHORT CHAIN PERFLUORINATED AND POLYFLUORINATED CHEMICALS (PFC's)			
PerfluoroOctansulfonati (PFOS) + Sali e derivati	1763-23-1; 2795-39-3; 23457-72-5; 29081-56-9; 56773-42-3; 70225-14-8; 251099-16-8	CEN/TS 15968	ND (< 1 µg/m² / 0,002 mg/kg) ciascuno/each
Perfluorooctane acid (PFOA) + Sali e derivati	335-67-1; 335-95-5; 2395-00-8; 335-93-3; 98241-25-9; 335-66-0; 376-27-2; 3108-24-5; 68141-02-6		
Henicosafuoroundecanoic acid (PFUDa)	2058-94-8		
Perfluorododecanoic acid (PFDoA)	307-55-1		
Pentacosafuorotridecanoic acid (PFTDA)	72629-94-8		
Heptacosafuorotetradecanoic acid (PFTeDA)	376-06-7		
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (EtFOSE)	1691-99-2		
2-(N-methylperfluoro-FASE 1-octanesulfonamido)-ethanol (MeFOSE)	24448-09-7		
Perfluoro-3,7-dimethylotanoic Acid (PF-3,7-DMOA)	172155-07-6		
1H,1H,2H,2H- Perfluorooctylacrylate (6,2 FTA)	17527-29-6		
1H,1H,2H,2H- Perfluorododecylacrylate (10,2 FTA)	17741-60-5		
1H,1H,2H,2H- Perfluorooctanesulphonic acid (1H,1H,2H,2H-PFOS)	27619-97-2		
1H,1H,2H,2H- Perfluorodecylacrylate (8,2 FTA)	27905-45-9		
N-methylperfluoro-1-octanesulfonamide (MeFOFA)	31506-32-8		
Perfluorooctyl phosphonic acid	40143-78-0		
Polyfluorinated iodide (8,2 FTI)	2043-53-0		
Perfluorooctyl iodide (PFOI)	507-63-1		
perfluorodecanoic acid (PFDA)	335-76-2		
2H,2H,3H,3H- Perfluoroundecanoic Acid (H4PFUnA)	34598-33-9		
perfluorononanoic acid (PFNA)	375-95-1		
N-ethylperfluoro-1-octanesulfonamide (EtFOFA)	4151-50-2	CEN/TS 15968	ND (< 1 µg/m² / 0,002 mg/kg) ciascuno/each
perfluoroundecanoic acid (PFUnA)	4234-23-5		
perfluorooctane sulfonamide (PFOSA)	754-91-6		
2H,2H-Perfluorodecane Acid (H2PFDA)	27854-31-5		
1H,1H,2H,2H-Perfluorooctanesulphonic acid	39108-34-4		
Perfluoro-1-octanesulfonyl fluoride (PFOSF / POSF)	307-35-7		
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)	3871-99-6; 355-46-4; 432-50-7		
Perfluorobutanoic acid (PFBA)	375-22-4		
Perfluorobutane (PFBS)	375-73-5; 59933-66-3; 749861-23-2		
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 (PFHxS-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 metacrilate (8:2 FTMA)	1996-88-9	
Fluorotelomer phosphate monoester (8:2 monoPAP)	57678-03-2	
Fluorotelomer phosphate diester (8:2 diPAP)	678-41-1	
1H,1H,2H,2H-Perfluorodecylmethyldichlorosilane	3102-79-2	
1H,1H,2H,2H-Perfluoro-1-Decanol (8:2 FTOH)	678-39-7	
1H,1H,2H,2H-Perfluoro-1-Dodecanol (10:2 FTOH)	865-86-1	
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	
Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	
		ND (< 1 µg/m³ / 0.002 mg/kg) ciascuno/each
		25 µg/kg

PESTICIDI / PESTICIDES		
2,4,5-trichlorophenoxyacetic acid, its salts and compounds (2,4,5-T)	93-76-5	
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	57648-21-2	
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	

EPA 8141

Σ < 0,5 mg/kg

Tolyfluanide	731-27-1	EPA 8141	$\Sigma < 0.5 \text{ mg/kg}$
Trifluralin	1582-09-8		
Halogenated biphenyls with the formula C <sub>12</sub> H <sub>n</sub> X <sub>10-n</sub> (x-halogen, n=1,2...9)	Various		
Pentachlorobenzene	608-93-5		
1,2,4,5-tetrachlorobenzene	95-94-3		
4,6-Dichloro-7-(2,4,5-trichlorophenoxy)-2-trifluoromethylbenzimidazole (DTTB)	63405-99-2		
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 phosphorotrithioate)	78-48-8		
DDF	54261-67-5		
Deltamethrin	52918-63-5		
Dichlofulanid	1085-98-9		
Atrazine	1912-24-9		

pH DELL'ESTRATTO ACQUOSO / pH MEASUREMENT			
pH Value		ISO 3071	4.0-7.5

RITARDANTI DI FIAMMA / FLAME RETARDANTS			
Mono e Polybrominated biphenyls (PBB's)	59536-65-1; 13654-09-6; vari/ various	ISO 17881-1 ISO 17881-2 NOTE: Boric Salts are determined as Total Borate content ISO 16711-1	ND (< 5 mg/kg ciascuno/each)
Tri-(2,3-dibromopropyl)-phosphate (TRIS) o (TDBPP)	126-72-7		
Tris-(1-aziridinyl)-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		
Bis(2,3 -dibromopropyl) phosphate(BBP) o (BBPP)	5412-25-9		
Tris (2-chloroethyl) phosphate (TCEP)	115-96-8		
Tris (1,3-dicloro-2-propyl fosfato (TDCPP) chiamato anche Tris(2-chloro-1-(chloromethyl)ethyl) phosphate (TDCP)	13674-87-8		
Hexabromocyclododecanes (HBCDD - αHBCDD - βHBCDD - γHBCDD)	25637-99-4; 3194-55-6; 134237-50-6; 134237-51-7; 134237-52-8		
Bis(2,3-dibromopropylether) of tetrabromobisphenol (BDBPPT)	21850-44-2		
Diboron Trioxide(Triossido di Boro)	1303-86-2		
Tetaboron disodium heptaoxide, hydrate	12267-73-1		
Tri-o-cresyl phosphate (ToCP)	78-30-8		
HeptaBromoDiphenylEther (heptaBDE)	68928-80-3; vari/ various		
HexaBromoDiphenyl Ether (hexaBDE)	36483-60-0		
TetraBromoDiFenil Etere (tetraBDE)	5436-43-1; 40088-47-9		
Trixylylphosphate (TXP)	25155-23-1		
TetraBromobisphenol A (TBBPA)	79-94-7		
2,2 Bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0		
Triphenyl phosphate (TPhP)	115-86-6		
Tris(1-chloro-2-propyl) phosphate (TCPP)	13674-84-5		
PolyBromurateDiphenylEther (PBDEs)	vari/ various		
1,2-Ethylhexyl 2,3,4,5-Tetrabromobenzoate (TBB)	183658-27-7		
bis(2-ethylhexyl) 3,4,5,6-tetrabromophthalate (TBPH)	26040-51-7		

SILOSSANI / SILOXANS			
Octamethylcyclotetrasiloxane (D4)	556-67-2	Solvent extraction and GC-MS analysis	< 1000 mg/kg
Decamethylcyclopentasiloxane (D5)	541-02-6		
Dodecamethylcyclohexasiloxane (D6)	540-97-6		

SOLVENTI \ SOLVENTS			
Formamide	556-67-2; 75-12-7	ISO/TS 16189	< 200 mg/kg
1-Methyl-2-pyrrolidone (NMP)	872-50-4		ND (< 10 mg/kg)
N-N-DIMETHYLFORMAMIDE (DimethylFormamide DMF)	68-12-2		< 100 mg/kg