


 THE
ROYAL COLLECTION


The Royal Co. Srl al fine di soddisfare le richieste del mercato e rispettare i parametri imposti dai capitoli dei brand ha implementato il sistema gestionale delle lavorazioni in modo da incrementare la sostenibilità dei processi industriali e dei prodotti. L'azienda pone alla base del proprio lavoro il rispetto dei valori ambientali e tale finalità trova espressione nella cultura aziendale e nei rapporti con i partner della filiera produttiva. Oltre all'adeguamento delle normative cogenti l'azienda intende soddisfare i limiti volontari imposti dai maggiori brand ed a questo scopo ha stimolato la sensibilità di tutti i partner all'interno della filiera produttiva in modo da spingere verso lo sviluppo di una cultura sostenibile. Riteniamo infatti che sia responsabilità dell'impresa osservare le ricadute della propria attività sull'ambiente e intervenire indirizzando lo sviluppo economico verso equilibri più sostenibili in modo da rispettare i severi standard internazionali e le aspettative di tutti gli stakeholder.

Tutti i prodotti seguono un processo produttivo atto a determinare la conformità dei parametri riportati di seguito nella PRSL, tuttavia la seguente tabella è assolutamente indicativa e non rappresenta un vincolo per The Royal Co. Srl. Eventuali esigenze devono essere comunicate contestualmente all'ordine.

PRSL per prodotti da base RIGENERATA					
Chemical Group	Substance	CAS	Limits	Testing	
				Test Method	Detection Limit
AP & APEO	Nonylphenols (NP)	25154-52-3 104-40-5	<100 ppm	GC-MS LC-MS	1 ppm
	Octylphenols (OP)	140-66-9 +various			
	Nonylphenoethoxylates (NPEO)	68412-54-4 +various			
	Nonylphenol monoethoxylates, NP1EO	various			
	Nonylphenol Diethoxylates, NP2EO	various			3 ppm
	Octylphenoethoxylate (OPEO)	9002-66-9 +various			
	Octylphenol monoethoxylates (OP1EO)	various			
	Octylphenol Diethoxylates (OP2EO)	various			
ASBESTOS	Asbestos	1332-21-4	ND	SEM	
	Actinolite	77536-66-4			
	Amosite	12172-73-5			
	Anthophyllite	77536-67-5			
	Chrysolite	12001-29-5 132207-33-1			
	Crocidolite	12001-28-4 132207-32-0			
	Tremolite	77536-68-6			
AZO DYES	Biphenyl-4-ylamin, 4-aminobiphenyl xenylamine	92-67-1	<20ppm	Textiles: EN14362-1/3 GB/T 17592 GB/T 23344	5 ppm
	Benzidine	92-87-5			
	4-chloro-o-toluidine	95-69-2			
	2-naphthylamine	91-59-8			
	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			
	4,4'-methylenedianiline / (4,4'-diaminodiphenylmethane)	101-77-9			
	3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylenediamine	91-94-1			
	3,3-dimethoxybenzidine o-dianisidine	119-90-4			
	3,3-dimethylbenzidine, 4,4'-bi-o-toluidine	119-93-7			
	4,4'-methylenedi-o-toluidine / (3-3'-dimethyl-4,4'diamino-diphenyl-methane)	838-88-0			
	6-methoxy-m-toluidine / (p-cresidine)	120-71-8			
	4,4'-methylene-bis-(2-chloro-aniline) / (2,2'-dichloro-4,4'-ethylenedianiline)	101-14-4			
	4,4'-oxydianiline	101-80-4			
	4,4'-thiodianiline	139-65-1			
	o-toluidine, 2-aminotoluene	95-53-4			
	4-methyl-m-phenylenediamine / (2,4-toluylenediamine)	95-80-7			
	2,4,5-trimethylaniline	137-17-7			
o-anisidine / (2-methoxyanilin)	90-04-0				
4-amino azobenzene / (p-Aminobenzene)	60-09-3				
2,4-xylidine	95-68-1				
2,6-xylidine	87-62-7				
NAVY BLUE	Blend of: disodium (6-(4-anisidine)-3-sulfonate-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)(1-(5-chlorine-2-oxidophenylazo)-2-naphtholato)chromate(1-); trisodium bis(6-(4-anisidine)-3-sulfonic-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)chromate(1-)	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	Banned	GC-MS or LC-MS	1 ppm


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ALLERGENIC DYES	Disperse blue 1	2475-45-8	ND	DIN 54231	1 ppm	
	Disperse blue 3	2475-46-9				
	Disperse blue 7	3179-90-6				
	Disperse blue 26	3860-63-7				
	Disperse blue 35	12222-76-2 56524-76-6 56524-77-7				
	Disperse blue 102	12222-97-8				
	Disperse blue 106	12223-01-7				
	Disperse blue 124	61951-51-7				
	Disperse brown 1	23355-64-8				
	Disperse Orange 149	85136-74-9				
	Disperse orange 1	2581-69-3				
	Disperse orange 3	730-40-5				
	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 9	6373-73-5				
Disperse yellow 39	12236-29-2					
Disperse yellow 49	54824-37-2					
CANCINOGENIC DYES	Acid red 26	3761-53-3	ND	DIN 54231	1 ppm	
	Acid Violet 49	1694-09-3				
	Basic red 9	569-61-9 25620-78-4				
	Direct red 28	573-58-0				
	Direct blue 6	2602-46-2				
	Direct Brown 95	16071-86-6				
	Direct Black 6					
	Direct Black 28					
	Direct Black 3					
	Direct black 38	1937-37-7				
	Disperse blue 1	2475-45-8				
	Disperse yellow 3	2832-40-8				
	Basic Violet 1	8004-87-3				
	Basic Violet 3 - alias (C.I.BasicViolet 3 con>0,1% di Michler'sKetone)[EC No202-027-5])	548-62-9				
	Basic violet 14	632-99-5				
	Disperse orange 11	82-28-0				
	Solvent Yellow 1	60-09-3				
	Solvent Yellow 2	97-56-3				
	Solvent Yellow 3	60-11-7				
	Disperse yellow 23	6250-23-3 630-22-3				
	Disperse orange 149	85136-74-9				
	Direct Blue 218	28407-37-6				50 µgr/day
	D & C Red 9	5160-02-1				100 µgr/day
	HC Blue 1	2784-94-3				10 µgr/day
	Direct Blue 15	2429-74-5				To declare presence and quantity
	Acid Red 114	6459-94-5				
	Solvent Yellow 14	842-07-9				
	Citrus Red 2	6358-53-8				
D & C Orange 17	3468-63-1					
D & C Red 19	81-88-9					
D & C Red 8	2092-56-0					
Basic Blue 26	2580-56-5 569-64-2					
Basic Green 4	2437-29-8 10309-95-2					
HALOGENATED CARRIERS	Monochlorobenzene	108-90-7	ND	DIN 54232	0,01 ppm	
	Dichlorobenzenes	541-73-1 106-46-7 95-50-1				
	Trichlorobenzenes	108-70-3 120-82-1 87-61-6				
	Tetrachlorobenzenes	95-94-3 634-66-2				
	Pentachlorobenzenes	608-93-5				
	Hexachlorobenzene	118-74-1				
	Chlorotoluenes	95-49-8 108-41-8 106-43-4				
	Dichlorotoluenes	95-73-8 19398-61-9 118-69-4 32768-54-0 95-75-0				
	Trichlorotoluene	98-07-7 2077-46-5 6639-30-1				


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HALOGENATED CARRIERS	Tetrachlorotoluenes	5216-25-1 2136-89-2 81-19-6	ND	DIN 54232	0,01 ppm	
	Pentachlorotoluene	877-11-2				
	HexachloroToluene					
	TetraChlor-m-Xylol (ISTD)	877-09-8				
SHORT-CHAIN CHLORINATED PARAFFINS (SCCP)	Short-chain Chlorinated Paraffins (SCCP)	85535-84-5 85535-84-8	ND	LC-MS or GC-MS	30 ppm	
	Medium-chain Chlorinated Paraffins (MCCP)	85535-85-9	<100 ppm			
FLAME RETARDANTS	Polybrominated biphenyles (PBBs)	59536-65-1	ND	IEC 62321 or GB/T 24279	5 ppm	
	Tri-(2,3-dibromopropyl)-phosphate (TRIS) o (TDBPP)	126-72-7				
	Tris-(1-aziridiny)-phosphine-oxide (TEPA)	545-55-1 5455-55-1				
	DiPhenylPolibromurate (PBDE) Tetrabromo diphenyl ether pentaBromo diphenyl ether Esabromo diphenyl ether Eptabromo diphenyl ether					
	Pentabromodiphenyl ether (PentaBDE)	32534-81-9				
	HeptaBromoDiphenylEther					
	Octabromodiphenyl ether (OctaBDE)	32536-52-0				
	Bis(2,3 -dibromopropyl) phosphate(BBP)	5412-25-9				
	Decabromodiphenyl ether (DecaBDE)	1163-19-5				
	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				
	Hexabromocyclododecane (HBCDD)	25637-99-4 3194-55-6 13427-50-6 134237-51-7 134237-52-8				
	Bis(2,3-dibromopropylether) of tetrabromobisphenol (BDBPT)	21850-44-2				
	Boric Acid	10043-35-3 1113-50-1				
	Diboron Trixide(Triossido di Boro)	1303-86-2				
	Disodium tetraborate, anhydrous	1303-96-4 1330-43-4 12179-04-3				
	Tetaboron disodium heptaoxide, hydrate	12267-73-1				
	Tri-o-cresyl phosphate (ToCP)	78-30-8				
	Tris(2-chloro-1-methylethyl) phosphate (TCPP)	13674-84-5				
	HeptaBromoDiphenylEther (heptaBDE)	446255-22-7 207122-16-5 +various				
	HexaBromoDiphenyl	36355-01-8				
	HexaBromoDiphenyl Ether (hexaBDE)	68631-49-2 207122-15-4 36483-60-0				
	TetraBromoDiFenil Etere (tetraBDE)	5436-43-1 + various				
	Pentachlorobenzene (può anche essere impiegato come pesticida)	608-93-5				
	TetraBromobisphenol A (TBBPA)	79-94-7				
	Trixylylphosphate	25155-23-1				
	2,2 Bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0				
FREE FORMALDEHYDE	Free formaldehyde	50-00-0	<75 ppm	JIS L1041- ISO-14184-1 GB/T18401-2010 (GB/T2912.1 Fabric) KSKISO14184-1	16 ppm	
HEAVY METALS	Antimony		Extractable: 30 ppm	DIN 54233-3 GB/T17593.4	0,09 ppm	
	Arsenic		Extractable: 0,2 ppm	DIN 54233-3 GB/T17593.2	0,02 ppm	
	Barium		Total Content: 1 ppm	ASTM D 2972- 08	0,1 ppm	
	Cadmium		<100 ng/kg			
			Extractable: ND	DIN 54233-3 GB/T17593.4	0,01 ppm	
	Cobalt		Total Content: 40 ppm	CPSC CH 1002-08	0,05 ppm	
			< 1 ppm	Textiles - Extractable: DIN 54233-3 Total Content: DIN 54233-1	0,1 ppm	
	Chromium		Extractable: 1 ppm	Textiles - Extractable: DIN 54233-3 Total Content: DIN 54233-1 Other - Acid Digestion and ICP		
			Total Content: 60 ppm			
			2500 ppm			
			1000 ppm			
			250 ppm			
			100 ppm	Textiles - Extractable: DIN 54233-3		
			20 ppm			
			1 ppm			
			Chromium III			
			Chromium VI			
	Copper		Extractable: 25 ppm	Extractable: DIN 54233-3;	0,1 ppm	
	Lead		Extractable: 0,2 ppm	Textiles - Extractable: DIN 54233-3		
		Total Content: 40 ppm	Total Content: DIN 54233-1			


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HEAVY METALS	Nickel		Extractable: 1 ppm	Textiles - Extractable: DIN 54233-3 Other - Acid digestion and ICP	0,1 ppm	
	Mercury		Extractable: 0,1mg/kg Total Content: ND			
	Zinc		Extractable: 50 ppm			
	Cobalt Dichloride	7646-79-9	<1000 ppm	Total Content + ICP/MS		
ORGANOTIN COMPOUNDS	MBT (Monobutyltin)	78763-54-9	sum <0,5 ppm	ISO 23161 ISO 17353		
	Trioctyltin TOT	250252-89-2				
	Tripropyltin TpT	various				
	Tricyclohexyltin TCyHT	1321-70-5 6056-50-4				
	Tetrabutyltin TeBT	1461-25-2				
	DBT (Dibutyltin)	1002-53-5 14488-53-0 +various				
	DOT (Dioctyltin)	15231-44-4 870-08-6				
	TBT (Tributyltin)	56573-85-4				
	TPhT (triphenyltin)	668-34-8				
	TPTT					
	Bis (Tributyltin) oxide (TBTO)	56-35-9				
	DBTC (DiButylTin Dichloride)	683-18-1				
	MOT (MonoOctilTin)	15231-57-9 94410-07-8				
	Dimethyltin (DMT)	various				
	Trimethyltin (TMT)	various				
	MonomethylTin (MMT)	various				
MonophenylTin (MPT)	various					
DiphenilTin (DPT)	various					
DBB (Hydrogen Borate of diButyltin)	75113-37-0	1000 ppm				
POLYCHLOROPHENOL S	PCP (PentaCloroFenolo)	87-86-5 +various	0,05 ppm	Textiles: UNI 11057		
	2-Chlorophenol	95-57-8				
	2,4-Dichlorophenol	120-83-2				
	2,5-Dichlorophenol	583-78-8				
	2,6-Dichlorophenol	87-65-0				
	4-Chloro-3-methylphenol	59-50-7				
	TeCP's	935-95-5 58-90-2 4901-51-3 25167-83-3 +various				
	TriCP's	88-06-2 933-75-5 933-78-8 95-95-4 15950-66-0 609-19-8 25167-82-2 88-06-2 +various				
	o-Phenylphenol (OPP)	90-43-7				50 ppm
	LONG CHAIN PERFLUORINATED AND POLYFLUORINATED CHEMICALS (PFC's)	PerfluoroOctansulfonati (PFOS) + derivati				1763-23-1 2795-39-3 29457-72-5 29081-56-9 70225-39-5 56773-42-3 + compounds and derivatives
Perfluorooctane acid (PFOA) + derivatives		335-67-1; 335-95-5; 3825-26-1 + Composite Derivati				
Henicosafuoroundecanoic acid (PFUdA)		2058-94-8 / 2058-55-1				
Tricosafuoroundecanoic acid (PFDoA)		307-55-1				
Pentacosafuorotridecanoic acid (PFTeDA)		72629-94-8				
Heptacosafuorotradecanoic acid (PFTeDA)		376-06-7				
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (EiFOSE)		1691-99-2				
2-(N-methylperfluoro-FASE 1-octanesulfonamido)-ethanol (MeFOSE)		2448-09-7				
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- Perfluorododecylacrylate (8:2 FTA)		27905-45-9				
N-methylperfluoro-1-octanesulfonamide (MeFOSA)		31506-32-8				
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 (EiFOSA) 4151-50-2		4151-50-2				
perfluoroundecanoic acid (PFUnA)		4234-23-5				
1H,1H,2H,2H-Perfluoro-1-Decanol (8:2 FTOH)		678-39-7				
perfluorooctane sulfonamide (PFOSA)		754-91-6				
1H,1H,2H,2H-Perfluoro-1-Dodecanol (10:2 FTOH)		865-86-1				
7H-Dodecanefluorohexane Acid		No CAS available				
				Extraction in solvent + LC-MS		


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				Test Method	Detection Limit	
LONG CHAIN PERFLUORINATED AND POLYFLUORINATED CHEMICALS (PFC's)	2H,2H-Perfluorodecane Acid		ND	Extraction in solvent + LC-MS	1 – 10 µg/m2	
	1H,1H,2H,2H-Perfluorooctanesulphonic acid					
	Ammonium pentadecafluorooctanoate (APFO)	3582-26-1				
SHORT CHAIN PERFLUORINATED AND POLYFLUORINATED CHEMICALS (PFC's)	Perfluorocyclobutane- c-C4F8	115-25-3	ND	Extraction in solvent + LC-MS	1 – 10 µg/m2	
	7H-dodecafluoroheptanoate (HPFHpA)	1546-95-8				
	1H,1H,2H,2H-Perfluoro-1-Hexanol (4:2 FTOH)	2043-47-2				
	2H,2H-Perfluorodecane Acid (H2PFDA)	-				
	Perfluoropentanoic acid (PFPA)	2706-90-3				
	Perfluoro-n-hexanoic acid (PFHxA)	307-24-4				
	Perfluoropentane – C5F14	355-42-0				
	Perfluorohexane sulphonates (PFHxS)	355-46-4				
	Perfluorobutanoic acid (PFBA)	375-22-4				
	Perfluorobutane (PFBS)	375-73-5				
	Perfluoroheptanoic acid (PFHpA)	375-85-9				
	Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8				
	Perfluorobutane Sulfonate (PFBS)	29420-49-3				
	Perfluorohexane Sulfonate (PFHxS)	3871-99-6				
	Perfluorodecane Sulfonate (PFDS)	126105-34-8				
1H,1H,2H,2H-Perfluoro-1-Oktanol (6:2 FTOH)	647-42-7					
DIMETHYLFUMARATE	Dimethyl fumarate	624-49-7	0,1 ppm	Textiles: GC-MS		
TRICLOSAN	Triclosan	3380-34-5	ND	GC-MS		
POLYVINYL CHLORIDE (PVC)	VinylChloride		ND	FTIR	1 ppm	
VOC VOLATILE SOLVENTS	BENZENE	71-43-2	1 ppm	GC/MS head space		
	ETHYLBENZENE	100-41-4	20 ppm			
	STYRENE	100-42-5				
	TOLUENE	108-88-3				
	XYLENE	1330-20-7				
	ORTHOXYLENE	95-47-6				
	METAXYLENE	108-38-3				
	PARAXYLENE	106-42-3				
	TRICHLOROETHYLENE	79-01-6				ND
	TETRACHLOROETHYLENE	127-18-4				20 ppm
	CYCLOHEXANONE	108-94-1				
	Vinil cicloesanone	100-40-3				
	4- fenil cicloesanone	4994-16-5				
	1-3 Butadiene	106-99-0				
	2-Ethoxyethanol	110-80-5				
	Ethylene glycol dimethyl ether	110-71-4				
	2-methoxyethylethanol	109-86-4				
	Triethylene glycol dimethyl eter	112-49-2				
	2 Methoxyethylacetate	110-49-6				
	2-methoxypropylacetate	70657-70-4				
	METHYL-ETHYL-KETONE (MEK)	78-93-3	ND			
	Benzaldehyde	100-52-7				
	NAPHTHALENE	91-20-3				
	1-Methyl-2-pyrrolidone	872-50-4				
	2-Ethoxyethylacetate	111-15-9				
	2-Phenyl-2-propanole	617-94-7				
	Acetophenone	98-86-2				
	Bis-(2-methoxyethyl)ether	111-96-6				
	N,N-Dimethylacetamide	127-19-5				
	N-N-DIMETHYLFORMAMIDE (DimethylFormamide DMF)	68-12-2				
1-Methyl-2-pyrrolidone	872-50-4	20 ppm				
Formamide	75-12-7					
o-cresol	95-48-7					
p-cresol	106-44-5					
m-cresol	108-39-4					
CHLORINATED SOLVENTS	1,2-Dichloroethane		107-06-2	Banned	GC/MS head space	
	1,2,3-Trichloropropane		96-18-4			
	1,1,2,2-TetraChloroEthane		79-34-5			
	1,1,1,2-Tetrachloroethane		630-20-6			
	Pentachloroethane		76-01-7			
	1,1-dychloroethane	75-35-4				
	Chloroform	67-66-3				
	1,1,2-trichloroethane	79-00-5				
	Diclorometano (Methylenechloride)	75-09-2				
	Hexachloroethane	67-72-1				


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CARBON TETRACHLORIDE	Carbon tetrachloride	56-23-5	ND	GC - MS head space	
DIOXINES AND FURANS	Group 1		ND	EPA 8290	
	Group 2				
	Group 3				
	Group 4				
	Group 5				
GREENHOUSE EFFECT GASSES	Sulfue Exafluoride (SF6)		ND	GC-MS head space	
	Isofluorocarbons (HFC's)				
	Perfluorocarbons (PFC's)				
POLYCHLORINATED COMPOUNDS, HALOGENATED BIPHENYL AND TERPHENYL COMPOUNDS	Halogenated compounds + Polychlorinated terphenyls (PCT'S)	61788-33-8 +various	ND	Extraction in solvent / Determination GC-MS	
	Polychlorinated bisphenils (PCB'S)	1336-36-3 +various			
HALOGENATED DIPHENYL METHANES	Halogenated diphenyl methanes	various	ND	Extraction in solvent / Determination GC-MS	
	DBBT+ miscela di isomeri (Monometil-DiBromoDiFenilMetano BromometilBromoToluene)	99688-47-8			
	Monomethyl-dichloro-diphenyl methane (ugilec 121 or 21)	various			
	Monomethyl-tetrachloro-diphenyl methane (ugilec 141)	76253-60-6 +various			
PESTICIDE	2,4,5-T	93-76-5 +various	ND	U.S. EPA 8081A/8151A	
	2,4-D	94-75-7			
	Acephate	30560-19-1			
	Aldicarb	116-06-3			
	Azinophosmethyl	86-50-0			
	Azinophosethyl	2642-71-9			
	Aldrine	309-00-2			
	Bifenthrin	82657-04-3			
	Bromophos-ethyl	4824-78-6			
	Bromoxnyl	1689-84-5			
	Captafol	2425-06-1			
	Carbaryl	63-25-2			
	Carbofuran	216-353-0			
	Chlordane	57-74-9			
	Chlordimeform	6164-98-3			
	Chlorobenzilate	510-15-6			
	Chlorfenvinphos	470-90-6			
	Clothianidin (Neonicotinoids)	210880-92-5			
	Coumaphos	56-72-4			
	Cyfluthrin	68359-37-5			
	Cyhalothrin	91465-08-6			
	Cypermethrin (alpha, beta)	67375-30-8 52315-07-8			
	DEF	78-48-8			
	Deltamethrin	52918-63-5			
	DDD	53-19-0 72-54-8			
	DDE	3424-82-6 72-55-9			
	DDT	50-29-3 789-02-6			
	2,4-Dichlorophenoxy-acetic acid	97-75-7 +various			
	Diazinon	333-41-5			
	Diclorofenthion	97-17-6			
	Dibromochloropropane (DBCP)	96-12-08			
	Dicofol	115-32-2			
	Dichlorprop	120-36-2			
	Dicrotophos	141-66-2			
	Dieldrine	60-57-1			
	Diflubenzuron	35367-38-5			
	Dimethoate	60-51-5			
	Dinoseb and salts	88-85-7 + salts and acetates			
	Diuron	330-54-1			
	Endosulfan	115-29-7 33213-65-9 959-98-8			
	Endrine	72-20-8			
	Esfenvalerate	66230-04-4			
Etridiazole	2593-15-9				
Imidacloprid (Neonicotinoids)	138261-41-3				
Fenvalerate	51630-58-1				
Fenclorophos	299-84-3				
Heptachlor	76-44-8				
Heptachloroepoxide	1024-57-3				


 THE
ROYAL COLLECTION


Chemical Group	Substance	CAS	Limits	Testing	
				Test Method	Detection Limit
PESTICIDE	Hexachlorobenzene	118-74-1	ND	U.S. EPA 8081A/8151A	
	Hexachlorocyclohexane, α	319-84-6			
	Hexachlorocyclohexane, β	319-85-7			
	Hexachlorocyclohexane, δ	319-86-8			
	Hexachlorocyclohexane, ϵ	608-73-1			
	Ethylene dibromide	106-93-4			
	Isodrine	465-73-6			
	Kelevane	4234-79-1			
	Kepone	143-50-0			
	Lindane	58-89-9			
	Malathion	121-75-5			
	MCPA	94-74-6			
	MCPB	94-81-5			
	Mecoprop	93-65-2			
	Mercury compounds Incl inorganic, alkyl, alkyloxyalkyl&aryl mercury compounds	various			
	Metalaxyl	57837-19-1			
	Metamidophos	10265-92-6			
	Methylarsonic acid	124-58-3			
	Methoxychlor	72-43-5			
	Mirex	2385-85-5			
	Monocrotophos	6923-22-4			
	Paraquat	1910-42-5			
	Parathion	56-38-2			
	Parathion-methyl	298-00-0			
	Permethrin	52645-53-1 +various			
	Pendimethalin	40487-42-1			
	Pentachloroanisole	1825-21-4			
	Perthane	72-56-0			
	Phosdrin/Mevinphos	7786-34-7			
	Propethamphos	31218-83-4			
	Profenophos	41198-08-7			
	Quinalphos	13593-03-8			
	Strobane	8001-50-1			
	Telodrine	297-78-9			
	Tetrachlorvinphos	22248-79-9			
	Thiamethoxan	153719-23-4			
	Thian	137-26-8			
	Toxaphen	8001-35-2			
	Trifluralin	1582-09-8			
	Triflumuron	64626-44-0			
	Halogenated biphenyls with the formula C ₁₂ H _n X _{10-n} (x=halogen, n=1,2,...9)	various			
	Halogenated terphenyls with the formula C ₁₈ H _n X _{14-n} (x=halogen, n=1,2,...13)	various			
	Halogenated naphthalenes with the formula C ₁₀ H _n X _{8-n} (x=halogen, n=1,2,...7)	various			
	Various Halogenated diarylalkanes	various			
	2-(2,4,5-Trichlorophenoxy) propionic acid and its salts	93-72-1 +various			
	2,4,5-Trichlorophenoxyacetyl compounds (2,4,5-T)	various			
	Phosphamidone	13171-21-6			
	Timiperone (DTTB)	57648-21-2			
	Bifenil policlorurati (PCB)*	-			
	Esabrombifenile	-			
	Dicofol	115-32-2			
	Hexachlorocyclohexane, ϵ	608-73-1			
	Hexachlorobutadiene	87-68-3			
Monomethyl-tetrachloro-diphenyl methane	76253-60-6				
Monomethyl-dichloro-diphenyl methane	81161-70-8				
Monomethyl-dibromo-diphenyl methane	99688-47-8				
Pentachlorobenzene (può anche essere impiegato come ritardante di fiamma)	608-93-5				
Tetrachlorobenzene	95-93-4				
Quintozene (pentachloronitrobenzene)	82-68-8				
1,2,4 Triclorobenzene	120-82-1				
BAC (Benzalkonium Chloride) (Alkyl(C8-C18)Benzyl)dimethylammonium Chloride)	63449-41-2				
Difenil alcani alogenati	various				
Bifenili, terfenili, naftaline e diarilalcanai alogenati	various				


 THE
ROYAL COLLECTION

Chemical Group	Substance	CAS	Limits	Testing	
				Test Method	Detection Limit
POLYCYCLIC AROMATICS HYDROCARBONS (PAHS)	Benzo(a)pyrene [BaP]	50-32-8	0,5 ppm	ZEK01.4-08	0,05 ppm
	Benzo(a)anthracene / (Benzoanthracene)	56-55-3			
	Benzo(j)fluoranthene	205-82-3			
	Benzo(e)pyrene	192-97-2			
	Dibenzo(ah)anthracene / (Dibenzoanthracene)	53-70-3			
	Benzo(b)fluoranthene	205-99-2			
	Benzo(k)fluoranthene	207-08-9			
	Chrysene	218-01-9			
	Acenaphthene	83-32-9			
	Acenaphthylene	208-96-8			
	Anthracene	120-12-7			
	Benzo(ghi)perylene	191-24-2			
	Fluoranthene	206-44-0			
	Fluorene	86-73-7			
	Indeno(123-cd)pyrene	193-39-5			
	Napthalene	91-20-3			
	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,j]pyrene	191-30-0				
1-Methylpyrene	2381-21-7	0,044 µg/day			
7,12-dimetilbenzoanthracene	57-97-6				
PH Value			4,0-7,5	Textiles: ISO 3071 GB/T 7573	

Legend chemical risk

ND = Not Detected

Ppm = Parts per million