

Detox MRSL

				Combined MRSL - PRATO DISCRIT		STATUS
Category	Name to list	CAS	Test Method	Input water waste water (µg/L)	sludge - textiles raw materials - textiles articles - chemicals (mg/kg)	Banned/ phase-out
1. Alkylphenols (APEO)						
1	AP	4-(1,1,3,3-Tetramethylbutyl)-phenol	140-66-9	Ref. EN ISO 18857-1	1 (each)	1 (each)
2		Octylphenol	27193-28-8			
3		4-Octylphenol	1806-26-4			
4		4-Nonylphenol (branched)	25154-52-3			
5		Nonylphenol	104-40-5			
6		Nonylphenol (mixed isomers)	90481-04-2			
7	APEO	Nonylphenol Ethoxylates NPEO (1-2) various		Ref. EN ISO 18857-1 ISO/DIS 18254 ISO 18218-1	1 (each)	All use of APEO's phase-out as of 15 agosto 2016
8		Nonylphenol Ethoxylates NPEO (3-18) various				
9		Nonylphenol ethoxylated	9016-45-9, 68412-54-4, 127087-87-0, 37205-87-1			
10		4-Nonylphenol, ethoxylated	26027-38-3			
11		Octylphenol Ethoxylates OPEO (1-2) various				
12		Octylphenol Ethoxylates OPEO (3-18) various				
13		4-tert-Octylphenoethoxylate	9036-19-5, 68987-90-6			
2. Phthalates						
14		Di-Butyl Phthalate (DBP)	84-74-2	UNI CEN ISO/TS 16181 UNI EN 14372 UNI EN ISO 14389	1 (each)	10 (each)
15		Di(2-Ethyl Hexyl) Phthalate(DEHP)	117-81-7			
16		Benzyl Butyl Phthalate (BBP)	85-68-7			
17		Di-Iso-Nonyl Phthalate (DINP)	28553-12-0,68515-48-0			
18		Di-N-Octyl Phthalate (DNOP)	117-84-0			
19		Di-Iso-Decyl Phthalate (DIDP)	26761-40-0,68515-49-1			
20		Di-Iso-Butyl Phthalate (DIBP)	84-69-5			
21		Di-N-Hexyl Phthalate (DNHP)	84-75-3			
22		Di-(2-methoxyethyl) phthalate (DMEP)	117-82-8			
23		1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4			
24		1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6			
25		Dipentyl phthalate (DPP)	131-18-0			
26		Diisopentylphthalate	605-50-5			
27	N-pentyl-isopentylphthalate	776297-69-9				
3. Brominated and Chlorinated Flame retardants						
28		Polybrominated diphenyl ethers (PBDEs) various		Ref. GB/T 24279 ISO/WD 17881	each = 5	each = 5
29		Monobromo diphenyl ethers (MonoBDE) -				
30		Dibromo diphenyl ethers (DiBDE) -				
31		Tribromo diphenyl ethers (TriBDE) -				
32		Tetrabromo diphenyl ethers (TetraBDE)	40088-47-9			
33		Pentabromo diphenyl ethers (PentaBDE)	32534-81-9			
34		Hexabromo diphenyl ethers (HexaBDE)	36483-60-0			
35		Heptabromo diphenyl ethers (HeptaBDE)	68928-80-3			
36		Octabromo diphenyl ethers (OctaBDE)	32536-52-0			
37		Nonabromo diphenyl ethers (NonaBDE)	63936-56-1			
38		Decabromo diphenyl ether (DecaBDE)	1163-19-5			
39		Tris(2,3-Dibromopropyl)-Phosphate	126-72-7			
40		Tris(2-Chloroethyl)Phosphate (TCEP)	115-96-8			
41		Hexabromocyclododecane (HBCDD)	134237-50-6,134237-51-7,134237-52-8,			
42		Tetrabromo-bisphenol A (TBBPA)	79-94-7			
43		Bis (2,3-dibromopropyl) phosphate	5412-25-9			
44		Tris(1,3-dichloro-2-propyl)phosphate (TDCPP)	13674-87-8			
45	Tris (1-chloro-2-propyl) phosphate (TCPP)	13674-84-5				

Category	Name to list	CAS	Test Method	Input water waste water (µg/L)	sludge - textiles raw materials - textiles articles - chemicals (mg/kg)	Banned/ phase-out
----------	--------------	-----	-------------	--------------------------------	-------------------------------------------------------------------------	-------------------

4. Amines (Associated with Azo dyes)

NOTE: the restriction applies to the manufacture/use all azo dyes that can release one or more of the listed amines (Note, the restriction also applies to the use of the listed amines, such as for use in dye manufacture).

46	4-Aminodiphenyl	92-67-1				
47	Benzidine	92-87-5				
48	4-Chloro-o-Toluidine	95-69-2				
49	2-Naphthylamine	91-59-8				
50	o-Aminoazotoluene	97-56-3				
51	2-Amino-4-Nitrotoluene	99-55-8				
52	p-Chloroaniline	106-47-8				
53	2,4-Diaminoanisole	615-05-4				
54	4,4'-Diaminodiphenylmethane	101-77-9				
55	3,3'-Dichlorobenzidine	91-94-1				
56	3,3'-Dimethoxybenzidine	119-90-4	UNI EN ISO 14362-1/3	1 (each)	1 (each)	All use of Ammines (associated with Azo dyes) are banned
57	3,3'-Dimethylbenzidine	119-93-7	UNI EN ISO 17234			
58	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	GB/T 17592			
59	p-Cresidine	120-71-8	GB/T 23344			
60	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4				
61	4,4'-Oxydianiline	101-80-4				
62	4,4'-Thiodianiline	139-65-1				
63	o-Toluidine	95-53-4				
64	2,4-Toluylenediamine	95-80-7				
65	2,4,5-Trimethylaniline	137-17-7				
66	o-Anisidine	90-04-0				
67	p-Aminoazobenzene	60-09-3				
68	2,4-Xylidine	95-68-1				
69	2,6-Xylidine	87-62-7				

5. Organotin compounds

70	MBT(Monobutyltin)	78763-54-9				
71	DBT(Dibutyltin)	1002-53-5				
72	TBT(Tributyltin)	36643-28-4				
73	DOT(Dioctyltin)	94410-05-6				
74	MOT(Monooctyltin)	15231-44-4				
75	DPhT(Diphenyltin)	1011-95-6, 6381-06-2				
76	TeBT(Tetrabutyltin)	1461-25-2	Ref. ISO 17353	0,1 (each)	1 (each)	All use of organotin compounds are banned
77	TCHT(Tricyclohexyl Tin)	6056-50-4	ISO 16179			
78	TPT(Tripopyltin)	NA				
79	TeET(Tetraethyltin)	597-64-8				
80	Tributyltin oxide (TBTO)	56-35-9				
81	Dibutyltin dichloride (DBTC)	683-18-1				
82	Triphenyltin (TPhT)	668-34-8				
83	Dibutyltin hydrogen borate (DBB)	75113-37-0				

Category	Name to list	CAS	Test Method	Input water waste water (µg/L)	sludge - textiles raw materials - textiles articles - chemicals (mg/kg)	Banned/ phase-out				
6. PFCs										
84	PFBA	375-22-4	UNI CEN 15968	0,01 (each)	0,01 (each)	All use of PFCs (Perfluorinated / Polyfluorinated Compounds) banned as of 01 July 2016				
85	PFPeA	2706-90-3								
86	PFHxA	307-24-4								
87	PFHpA	375-85-9								
88	PFOA	335-67-1								
89	PFNA	375-95-1								
90	PFDA	335-76-2								
91	PFUnA	2058-94-8								
92	PFDoA	307-55-1								
93	PFTrA	72629-94-8								
94	PFteA	376-06-7								
95	PFBS	375-73-5 or 59933-66-3								
96	PFHxS	355-46-4								
97	PFHpS	375-92-8								
98	PFOS	1763-23-1								
99	PFDS	335-77-3								
100	4:2 FTOH	2043-47-2								
101	6:2 FTOH	647-42-7								
102	8:2 FTOH	678-39-7								
103	10:2 FTOH	865-86-1								
104	6:2 FTA	17527-29-6								
105	8:2 FTA	27905-45-9								
106	10:2 FTA	17741-60-5								
107	PFOSA	754-91-6								
108	POSF	307-35-7								
109	N-Me-FOSA	31506-32-8								
110	N-Et-FOSA	4151-50-2								
111	N-Me-FOSE alcohol	24448-09-7								
112	N-Et-FOSE alcohol	1691-99-2								
113	PF-3,7-DMOA	172155-07-6								
114	HPFHpA	1546-95-8								
115	4HPFUnA	34598-33-9								
116	1H, 1H, 2H, 2H-PFOS	27619-97-2								
7. Chloro benzenes										
117	Dichlorobenzenes various		Ref. DIN 54232	0,02 (each)	0,5 (each)	All use of chloro benzenes are banned				
118	1,2-Dichlorobenzene	95-50-1								
119	1,3-Dichlorobenzene	541-73-1								
120	1,4-Dichlorobenzene	106-46-7								
121	Trichlorobenzenes various									
122	1,2,3-Trichlorobenzene	87-61-6								
123	1,2,4-trichlorobenzene	120-82-1								
124	1,3,5-Trichlorobenzene	108-70-3								
125	Tetrachlorobenzene	12408-10-5								
126	1,2,3,4-tetrachlorobenzene	634-66-2								
127	1,2,3,5-tetrachlorobenzene	634-90-2								
128	1,2,4,5-tetrachlorobenzene	95-94-3								
129	Pentachlorobenzene	608-93-5								
130	Hexachlorobenzene	118-74-1								
131	chlorobenzene	108-90-7								
8 Chlorinated solvents										
132	Dichloromethane	75-09-2					Ref. GB 19340 ref. EPA 5021 + EPA 8260	1 (each)	0,5 (each)	All use of chlorinated solvents phase-out
133	Chloroform	67-66-3								
134	Tetrachloromethane	56-23-5								
135	1,1,2-Trichloroethane	79-00-5								
136	1,1-Dichloroethane	75-34-3								
137	1,2-Dichloroethane	107-06-2								
138	Trichloroethylene	79-01-6								
139	Perchloroethylene	127-18-4								
140	1,1,1-trichloroethane	71-55-6								
141	1,1,1,2-Tetrachloroethane	630-20-6								
142	1,1,2,2-Tetrachloroethane	79-34-5								
143	Pentachloroethane	76-01-7								
144	1,1-Dichloroethylene	75-35-4								
145	1,2,3-trichloropropane	96-18-4								

Category	Name to list	CAS	Test Method	Input water waste water (µg/L)	sludge - textiles raw materials - textiles articles - chemicals (mg/kg)	Banned/ phase-out
9. Chloro phenols						
146	Pentachlorophenols (PCP)	87-86-5				
147	Tetrachlorophenols (TeCP)	25167-83-3				
148	2,3,4,5-Tetrachlorophenol	4901-51-3				
149	2,3,4,6-Tetrachlorophenol	58-90-2				
150	2,3,5,6-tetrachlorophenol	935-95-5				
151	Trichlorophenol (TriCP)	25167-82-2				
152	2,4,6-trichlorophenol	88-06-2				
153	2,3,4-trichlorophenol	15950-66-0				
154	2,3,5-trichlorophenol	933-78-8				
155	2,3,6-trichlorophenol	933-75-5	UNI 11057	0,5 (each)	0,05 (each)	All use of chloro phenols are banned
156	2,4,5-trichlorophenol	95-95-4	UNI EN ISO 17070			
157	3,4,5-trichlorophenol	609-19-8				
158	Dichlorophenols (DiCP)	25167-81-1				
159	2,3-dichlorophenol	576-24-9				
160	2,4-dichlorophenol	120-83-2				
161	2,5-dichlorophenol	583-78-8				
162	3, 4-dichlorophenol	95-77-2				
163	3, 5-dichlorophenol	591-35-5				
164	Mono Chlorophenol various					
10 SCCP						
165	SCCP C10-13	85535-84-8	ref. ISO/DIS 18219	0,5 (sum)	1 (sum)	All use of SCCP are banned
11. Heavy metals						
166	Total Cadmium(Cd)	7440-43-9	Ref. EN 1122	0,1	1	All use of Heavy Metals phase-out
167	Total Lead(Pb)	7439-92-1	Ref. UNI EN ISO 17072-2	1	1	
168	Total Mercury(Hg)	7439-97-6	Ref. UNI EN ISO 17072-2	0,5	1	
169	Total Hexavalent chromium (Cr-VI)	18540-29-9	Ref. ISO 17075	1	1	

Beyond Priority 11 group examples

NOTE; Categories are in no particular order

Brominated solvents

174 Br-solvent	1,2-dibromoethane	106-93-4	Headspace HS-GCMS GB 19340 EPA 5021 + EPA 8260	1 (each)	1 (each)	All use phase-out
175 Br-solvent	1-bromopropane; n-propyl bromide	106-94-5				
176 Br-solvent/dye intermediate	Bromoethane	74-96-4				
177 Br-solvent/dye intermediate	2-bromopropane	75-26-3				

α-chlorotoluenes

178 α-chlorotoluene	Benzyl chloride; α-chlorotoluene	100-44-7	GC-MSMS DIN 54232	1 (each)	1 (each)	All use phase-out
179 α-chlorotoluene	p-chlorobenzotrifluoride	5216-25-1				
180 α-chlorotoluene	α,α,α-trichlorotoluene; benzotrifluoride	98-07-7				
181 α-chlorotoluene	α,α-Dichlorotoluene (Benzal chloride)	98-87-3				

Glycol ethers

239 glycol ether	Glycol; diglyme	111-96-6	GC-MSMS / LC-MSMS In-house method (ref. ASTM D7731-11)	10 (each)	10 (each)	All use phase-out
240 glycol ether	Ethylene glycol monomethyl ether	109-86-4				
241 glycol ether	Ethylene glycol monomethyl ether acetate; 2-Methoxyethyl acetate	110-49-6				
242 glycol ether	1,2-dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4				
243 glycol ether	Ethylene glycol monoethyl ester	110-80-5				
244 glycol ether	Ethylene glycol monoethyl ether acetate	111-15-9				
245 glycol ether	1,2-diethoxyethane	629-14-1				
246 glycol ether	Ethylene glycol	107-21-1				
247 glycol ether	Glycol; triglyme (TEGDME)	112-49-2				

N-nitroso compounds

Category	Name to list	CAS	Test Method	Detox MRSL 08062015		Banned/ phase-out
				Input water waste water (µg/L)	sludge - textiles raw materials - textiles articles - chemicals (mg/kg)	
266 N-nitroso compounds	N-Nitrosopiperidine	100-75-4	GC-MSMS UNI EN 12868:2002 GB/T 24153-2009 UNI EN 14350-2:2005 par.5.3 - (UNI EN 12868:2002)	5 (each)	10 (each)	All use phase-out
267 N-nitroso compounds	N-Nitrosomethylethylamine	10595-95-6				
268 N-nitroso compounds	N-Nitrosodiethanolamine	1116-54-7				
269 N-nitroso compounds	N-Ethyl-N-nitrosoanilin	612-64-6				
270 N-nitroso compounds	N-Methyl-N-nitrosoanilin	614-00-6				
271 N-nitroso compounds	N-Nitrosodi-n-propylamine	621-64-7				
272 N-nitroso compounds	N-Nitrosodimethylamine	62-75-9				
273 N-nitroso compounds	N-Methyl-N'-nitro-N-nitrosoguanidine	70-25-7				
274 N-nitroso compounds	N-Nitrosodiphenylamine	86-30-6				
275 N-nitroso compounds	N-Nitrosodiethylamine (NDEA)	55-18-5				
276 N-nitroso compounds	N-Nitrosodi-n-butylamine (NDBA)	924-16-3				
277 N-nitroso compounds	N-Nitrosopyrrolidine (NPYR)	930-55-2				
278 N-nitroso compounds	N-Nitrosomorpholine (NMOR)	59-89-2				
279 other nitroso compounds	p-Nitrosodiphenylamine	156-10-5				

Polyaromatic hydrocarbons (PAHs)

280 polyaromatic hydrocarbons (PAHs)	Anthracene	120-12-7	GC-MSMS ZEK 1.4-08	0,5 (each)	0,5 (each)	All use phase-out		
281 polyaromatic hydrocarbons (PAHs)	Pyrene	129-00-0						
282 polyaromatic hydrocarbons (PAHs)	Polycyclic Aromatic Compounds (PACs)	130498-29-2						
283 polyaromatic hydrocarbons (PAHs)	benzo[e]pyrene	192-97-2						
284 polyaromatic hydrocarbons (PAHs)	Indeno[1,2,3-cd]pyren	193-39-5						
285 polyaromatic hydrocarbons (PAHs)	benzo[j]fluoranthene	205-82-3						
286 polyaromatic hydrocarbons (PAHs)	Benzo[b]fluoranthene	205-99-2						
287 polyaromatic hydrocarbons (PAHs)	Benzo[k]fluoranthene	207-08-9						
288 polyaromatic hydrocarbons (PAHs)	Acenaphthylene	208-96-8						
289 polyaromatic hydrocarbons (PAHs)	9,10-Benzophenanthren	217-59-4						
290 polyaromatic hydrocarbons (PAHs)	Chrysene	218-01-9						
291 polyaromatic hydrocarbons (PAHs)	benzo[a]pyrene; benzo[def]chrysene	50-32-8						
292 polyaromatic hydrocarbons (PAHs)	Dibenz[a,h]anthracene	53-70-3						
293 polyaromatic hydrocarbons (PAHs)	Benz[a]anthracene	56-55-3						
294 polyaromatic hydrocarbons (PAHs)	Coal tar pitch	65996-93-2						
295 polyaromatic hydrocarbons (PAHs)	Anthracene oil	90640-80-5						
296 polyaromatic hydrocarbons (PAHs)	Anthracene oil, anthracene paste	90640-81-6						
297 polyaromatic hydrocarbons (PAHs)	Anthracene oil, anthracenelow	90640-82-7						
298 polyaromatic hydrocarbons (PAHs)	Naphthalene	91-20-3					2	1
299 polyaromatic hydrocarbons (PAHs)	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2					0,5 (each)	0,5 (each)
300 polyaromatic hydrocarbons (PAHs)	Anthracene oil, anthracene paste, distn. Lights	91995-17-4						
301 polyaromatic hydrocarbons (PAHs)	Benzo[ghi]perylene	191-24-2						
302 polyaromatic hydrocarbons (PAHs)	Fluoranthene	206-44-0						
303 polyaromatic hydrocarbons (PAHs)	Acenaphthene	83-32-9						
304 polyaromatic hydrocarbons (PAHs)	Phenanthrene	85-01-8						

Metals/metalloids:

345 As	Arsenic & arsenic compounds	7440-38-2 (element)	Acid digestion ICP-OES / ICP-MS	0,1	1	All use phase-out
346 Be	Beryllium & beryllium oxide	7440-41-7 (element) / 1304-56-9		1	1	
347 Co	cobalt & cobalt compounds	7440-48-4 (element)		1	10	
348 Ni	nickel and nickel compounds	7440-02-0 (element)		5	10	
349 Sb	Antimony & antimony compounds	7440-36-0 (element)		1	5	
350 V	Vanadium pentoxide	1314-62-1 (element)		10	10	

Category

Name to list

CAS

Antioxidant

170 antioxidant	2,4,6-tri(t-butyl)Phenol	732-26-3	GC-MSMS / LC-MSMS In-house method	5 (sum)	10 (sum)	All use phase-out
171 antioxidant	2,6-di-tert-butyl-4-(1-methylpropyl)-hydroxybenzene	17540-75-9				
172 antioxidant	2,6-di-tert-butyl-4-(methylthioacetic acid, 2-ethylhexyl ester)-hydroxybenzene	80387-97-9				
173 antioxidant	6,6'-di-tert-butyl-4,4'-thiodi-m-cresol	96-69-5				

Category	Name to list	CAS	Test Method	Input water waste water (µg/L)	sludge - textiles raw materials - textiles articles - chemicals (mg/kg)	Banned/ phase-out
----------	--------------	-----	-------------	--------------------------------	-------------------------------------------------------------------------	-------------------

Azo dyes that release carcinogenic amines through reductive cleavage (in addition to the priority 11 examples linked to amines listed in EU & Chinese regulations)

182 azo dye (CMR)	(methylenebis(4,1-phenylenazo(1-(3-(dimethylamino)propyl)-1,2-dihydro-6-hydroxy-4-methyl-2-oxopyridine-5,3-diy)))-1,1'-dipyridinium dichloride dihydrochloride	118658-99-4	LC-MSMS In-house method	1 (each)	5 (each)	All use phase-out			
183 azo dye (CMR)	C.I. Acid Red 26	3761-53-3							
184 azo dye (CMR)	Pigment Rot 53:1 (C.I. 15585:1); D&C Red No. 9	5160-02-1							
185 azo dye (CMR)	C.I. Solvent Yellow 14	842-07-9							
186 azo dye (CMR)	1,2-dihydro-6-hydroxy-4-methyl-1-[3-(1-methylethoxy)propyl]-2-oxo-5-[[4-(phenylazo)phenyl]azo]-3-pyridinecarbonitrile	85136-74-9							
187 azo dye (CMR)	C.I. Disperse Yellow 3	2832-40-8							
188 azo dye (CMR)	C.I. Solvent Yellow 2	60-11-7							
189 azo dye (CMR)	C.I. Direct Blue 218	28407-37-6							
190 azo dye amine	Diaminobenzidine [biphenyl-3,3',4,4'-tetrayl]tetraamine]	91-95-2					1 (each)	1 (each)	
191 azo dye amine	diaminotoluene	25376-45-8							
192 azo dye amine	N,N'-Diacetylbenzidine	613-35-4							
193 azo dye amine	toluene-2,4-diammonium sulphate	65321-67-7							

Dyes

194 dye (CMR)	C.I. Acid Violet 49	1694-09-3	LC-MSMS In-house method	1 (each)	5 (each)	All use phase-out
195 dye (CMR)	Methanaminium, N-[4-[bis[4-(dimethylamino)phenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, chloride	548-62-9				
196 dye (CMR)	C.I. Basic Red 9 monohydrochloride	569-61-9				
197 dye (CMR)	C.I. 77332, C.I. Pigment Black 25, cobalt nickel gray periclase	68186-89-0				
198 dye (CMR)	C.I. 77900, C.I. Pigment Yellow 157, nickel barium titanium primrose priderite	68610-24-2				
199 dye (CMR)	D&C Red No. 19	81-88-9				
200 dye	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2				
201 dye	Auramine hydrochloride	2465-27-2				
202 dye	C.I. Basic Green 4 leuco base	129-73-7				
203 dye	C.I. Disperse Blue 1	2475-45-8				
204 dye	C.I. Pigment Brown 22	29398-96-7				
205 dye	C.I. Pigment Red 53; D&C Red No. 8	2092-56-0				
206 dye	Pigment Red 168	4378-61-4				
207 dye	Disperse Orange 11	82-28-0				

Dye intermediate

208 dye intermediate	3-amino-9-ethyl carbazole, 9-ethylcarbazol-3-ylamine	132-32-1	LC-MSMS In-house method	1 (each)	5 (each)	All use phase-out
209 dye intermediate	4,4-isobutylethylidenediphenol	6807-17-6				
210 dye intermediate	4-amino-3-fluorophenol	399-95-1				
211 dye intermediate	Anthraquinone	84-65-1				
212 dye intermediate	anthraquinone, 1-hydroxy	129-43-1				
213 dye intermediate	Carbazole	86-74-8				
214 dye intermediate	diazomethane	334-88-3				
215 dye intermediate	Dimethylcarbamoyl chloride	79-44-7				
216 dye intermediate	quinoline	91-22-5				
217 dye reagent	potassium bromate	7758-01-2				

Dinitrotoluenes

218 dinitrotoluene	2,4-dinitrotoluene	121-14-2	GC-MSMS / LC-MSMS Ref. EPA 8095	0,1 (each)	1 (each)	All use phase-out
219 dinitrotoluene	dinitrotoluene (isomer mixture)	25321-14-6				
220 dinitrotoluene	2,3-dinitrotoluene	602-01-7				
221 dinitrotoluene	2,6-Dinitrotoluene	606-20-2				
222 dinitrotoluene	3,4-dinitrotoluene	610-39-9				
223 dinitrotoluene	3,5-dinitrotoluene	618-85-9				
224 dinitrotoluene	2,5-dinitrotoluene	619-15-8				

Category	Name to list	CAS	Test Method	Input water waste water (µg/L)	sludge - textiles raw materials - textiles articles - chemicals (mg/kg)	Banned/ phase-out
----------	--------------	-----	-------------	--------------------------------	-------------------------------------------------------------------------	-------------------

Epoxy intermediate (CMRs)

225 epoxy intermediate (CMR)	Epichlorohydrin	106-89-8	LC-MSMS In-house method	10 (each)	10 (each)	All use phase-out
226 epoxy intermediate (CMR)	phenyl glycidyl ether; 2,3-epoxypropyl phenyl ether;					
227 epoxy intermediate (CMR)	1,2-epoxy-3-phenoxypropane	122-60-1				
	2,2'-bioxirane [1,2:3,4-diepoxybutane]	1464-53-5				
	2,3-epoxypropyltrimethylammonium chloride; EPTAC;					
228 epoxy intermediate (CMR)	Oxiranemethanaminium, N,N,N-trimethyl chloride;					
229 epoxy intermediate (CMR)	Glycidyltrimethylammonium chloride	3033-77-0				
230 epoxy intermediate (CMR)	R-1-chloro-2,3-epoxypropane	51594-55-9				
231 epoxy intermediate (CMR)	Glycidol [2,3-epoxy-1-propanol]	556-52-5				
	R-2,3-epoxy-1-propanol	57044-25-4				
	1,3,5-tris-[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-					
232 epoxy intermediate (CMR)	2,4,6-(1H,3H,5H)-trione	59653-74-6				
233 epoxy intermediate (CMR)	oxiranemethanol, 4-methylbenzene-sulfonate, (S)-	70987-78-9				
234 epoxy intermediate (CMR)	ethylene oxide; oxirane	75-21-8				
235 epoxy intermediate (CMR)	propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9				
236 epoxy intermediate (CMR)	styrene oxide; (epoxyethyl)benzene; phenyloxirane	96-09-3				

Fibrous mineral

237 fibrous mineral	asbestos	-		Not Detectable (Best current testing technology using lowest detection/reporting limits always updated and applied)	Not Detectable (Best current testing technology using lowest detection/reporting limits always updated and applied)	All use phase-out
238 fibrous mineral	erionite	12510-42-8				

Monomers

248 monomer	1,3-Butadiene	106-99-0	HS-GCMS In-house method	5 (each)	5 (each)	All use phase-out
249 monomer	Acetaldehyde	75-07-0				
250 monomer	Acrylonitrile	107-13-1				
251 monomer	Aziridine [Ethyleneimine]	151-56-4				
252 monomer	aziridine, 2-methyl	75-55-8				
253 monomer	chloroprene (stabilized); 2-chlorobuta-1,3-diene	126-99-8				
254 monomer	dimethylsulfamoylchloride	13360-57-1				
255 monomer	Ethyl acrylate	140-88-5				
256 monomer	Isobutyl nitrite	542-56-3				
257 monomer	Isoprene	78-79-5				
258 monomer	Methylcarbamate	598-55-0				
259 monomer	N-Vinyl-2-pyrrolidinone	88-12-0				
	Propane sultone [1,3-propanesultone; 1,2-oxathiolane					
260 monomer	2,2-dioxide]	1120-71-4				
261 monomer	Urethane (Ethyl carbamate)	51-79-6				
262 monomer	Vinyl bromide	593-60-2				
263 monomer	Vinyl chloride	75-01-4				
264 monomer	Acrylamide	79-06-1				
265 monomer	N-Methylolacrylamide	924-42-5				

Respirable particles

305 respirable particles	Aluminium oxide (particles of respirable size)	1344-28-1	ICP-MS In-house method	Not Detectable (Best current testing technology using lowest detection/reporting limits always updated and applied)	Not Detectable (Best current testing technology using lowest detection/reporting limits always updated and applied)	All use phase-out
306 respirable particles	Silica (particles of respirable size)	14464-46-1; 14808-60-7; 7631-86-9				
307 respirable particles	Titanium dioxide (particles of respirable size)	13463-67-7; 1317-70-0; 1317-80-2				

Category	Name to list	CAS	Test Method	Input water waste water (µg/L)	sludge - textiles raw materials - textiles articles - chemicals (mg/kg)	Banned/ phase-out
----------	--------------	-----	-------------	--------------------------------	-------------------------------------------------------------------------	-------------------

Solvents

308 solvent	1,4-Dioxane	123-91-1	Headspace HS-GCMS GB 19340 EPA 5021 + EPA 8260	10	1	All use phase-out
309 solvent	2-methoxypropanol	1589-47-5		5	10	
310 solvent	2-methoxypropyl acetate	70657-70-4		5	1	
311 solvent	Benzene	71-43-2		1	0,5	
312 solvent	Cyclododecane	294-62-2		10	1	
313 solvent	Dimethyl formamide (DMF)	68-12-2		10	1	
314 solvent	Ethanol	64-17-5		10	10	
315 solvent	Furan	110-00-9		10	1	
316 solvent	hexamethylphosphoramide (HMPA)	680-31-9		10	1	
317 solvent	Methanol	67-56-1		10	5	
318 solvent	Methyl isobutyl ketone	108-10-1		5	5	
319 solvent	N,N-dimethylacetamide	127-19-5		10	1	
320 solvent	Nitrioltriacetic acid	139-13-9		10	1	
321 solvent	N-methyl-2-pyrrolidone	872-50-4		10	5	
322 solvent	N-methylformamide	123-39-7		10	1	
323 solvent	Toluene	108-88-3	1	1		
324 solvent	Ethylbenzene	100-41-4	1	1		

Petroleum distillates & related chemicals

325 petroleum distillate (CMR cat 1A/1B)	extracts, petroleum, light naphthenic distillate solvent	64742-03-6	Headspace HS-GCMS In-house method ASTM E 1388 Determination of the presence of petroleum distillate via comparison with internal database of ignitable liquid.	5 (each)	5 (each)	All use phase-out
326 petroleum distillate (CMR cat 1A/1B)	distillate aromatic extract	64742-04-7				
327 petroleum distillate (CMR cat 1A/1B)	extracts, petroleum, light paraffinic distillate solvent	64742-05-8				
328 petroleum distillate (CMR cat 1A/1B)	extracts, petroleum, heavy naphthenic distillate solvent	64742-11-6				
329 petroleum distillate (CMR cat 1A/1B)	distillates, petroleum, chemically neutralized middle	64742-30-9				
330 petroleum distillate (CMR cat 1A/1B)	solvent-dewaxed heavy paraffinic petroleum distillates	64742-65-0				
331 petroleum distillate (CMR cat 1A/1B)	benzin 140 - 300	8002-05-9				
332 petroleum distillate (CMR cat 1A/1B)	naphtha	8030-30-6				
333 petroleum distillate (CMR cat 1A/1B)	pitch	61789-60-4				
334 petroleum distillate (CMR cat 1A/1B)	petroleum naphtha	64741-41-9				
335 petroleum distillate (CMR cat 1A/1B)	hydrotreated light straight run (petroleum) distillates (petroleum), hydrotreated (mild) heavy naphthenic (9ci);	64742-49-0				
336 petroleum distillate (CMR cat 1A/1B)	hydrotreated heavy paraffinic petroleum distillates (mineral oil)	64742-52-5				
337 petroleum distillate (CMR cat 1A/1B)	distillates (petroleum), solvent-refined (mild) heavy paraffinic (9ci)	64742-54-7				
338 petroleum distillate (CMR cat 1A/1B)	distillates (petroleum), solvent-refined (mild) light paraffinic (9ci)	64741-88-4				
339 petroleum distillate (CMR cat 1A/1B)	aromatic naphtha, type 1	64741-89-5				
340 petroleum distillate (CMR cat 1A/1B)	aromatic petroleum derivative solvent	64742-95-6				
341 petroleum distillate (CMR cat 1A/1B)	petrolatum	68477-31-6				
342 petroleum distillate (CMR cat 1A/1B)	Bitumen	8009-03-8				
343 additive/sealant	Coal Tar oil	64742-93-4				
344 coal distillate (CMR cat 1A/1B)		65996-82-9				

Category	Name to list	CAS	Test Method	Input water waste water (µg/L)	sludge - textiles raw materials - textiles articles - chemicals (mg/kg)	Banned/ phase-out
----------	--------------	-----	-------------	--------------------------------	-------------------------------------------------------------------------	-------------------

Others

351 -	(2-chloroethyl)(3-hydroxypropyl)ammonium chloride	40722-80-3		10	1	All use phase-out
352 -	(4-ethoxyphenyl)(3-(4-fluoro-3-phenoxyphenyl)propyl)dimethylsilane	105024-66-6				
353 -	(BHA) Butylated hydroxyanisole	25013-16-5		5	10	
354 -	1-(2-amino-5-chlorophenyl)-2,2,2-trifluoro-1,1-ethanediol, hydrochloride, containing < 0.1 % 4-chloroaniline (EC No 203-401-0)	214353-17-0				
355 -	2-butyl-3-hydroxy-5-thiocyclohexan-3-yl-cyclohex-2-en-1-one	94723-86-1				
356 -	2-nitroanisole	91-23-6				
357 -	2-nitronaphthalene	581-89-5				
358 -	2-Nitropropane	79-46-9				
359 -	2-nitrotoluene	88-72-2		5 (each)	1 (each)	
360 -	4,4'-Methylenbis(N-(1-methylpropyl)benzolamin)	5285-60-9				
361 -	4-Nitrobiphenyl	92-93-3				
362 -	5-Nitroacenaphthene	602-87-9				
363 -	7-methoxy-6-(3-morpholin-4-yl-propoxy)-3H-quinazolin-4-one Containing ≥ 0.5 % formamide (EC No 200-842-0)	199327-61-2				
364 -	AEAA [2-(2-aminoethylamino)ethanol]	111-41-1				
365 -	Aniline	62-53-3		5	5	
366 -	Azobenzene	103-33-3		1	1	
367 -	Carbon black	1333-86-4		Not Detectable <small>(Best current testing technology using lowest detection/reporting limits always updated and applied)</small>	Not Detectable <small>(Best current testing technology using lowest detection/reporting limits always updated and applied)</small>	
368 -	chloro-N,N-dimethylformiminium chloride	3724-43-4				
369 -	Colchicine	64-86-8		1	1	
370 -	Diazoaminobenzene	136-35-6				
371 -	Formaldehyde	50-00-0		10	15	
372 -	formamide	75-12-7				
373 -	Hydrazine	302-01-2				
374 -	hydrazobenzene	122-66-7				
375 -	hydroquinone (1,4-Dihydroxybenzene)	123-31-9				
376 -	methoxyacetic acid	625-45-6				
377 -	Methylazoxymethanol acetate	592-62-1				
378 -	Michler's base (N,N,N',N'-tetramethyl-4,4'-methylenedianiline)	101-61-1				
379 -	N-(2-Naphthyl)anilin	135-88-6				
380 -	N,N-(dimethylamino)thioacetamide hydrochloride	27366-72-9		5 (each)	5 (each)	
381 -	N,N'-Bis-(1-ethyl-3-methylpentyl)-1,4-benzendiamin	139-60-6				
382 -	N,N-di-2-naphthyl-benzen-1,4-diamin (Diafen NN)	93-46-9				
383 -	N-[6,9-dihydro-9-[[2-hydroxy-1-(hydroxymethyl)ethoxy)methyl]-6-oxo-1H-purin-2-yl]acetamide	84245-12-5				
384 -	O-isobutyl-N-ethoxy carbonylthiocarbamate	103122-66-3				
385 -	o-Phenylphenate, sodium	132-27-4				
386 -	o-Phenylphenol	90-43-7		10	10	
387 -	Phenolphthalein	77-09-8				
388 -	Phenylhydrazine	100-63-0				
389 -	phenylhydrazine hydrochloride	27140-08-5; 59-88-1				
390 -	phenylhydrazinium sulphate (2:1)	52033-74-6	GC-MSMS LC-MSMS HS-GCMS In-house methods			
391 -	potassium 1-methyl-3-morpholinocarbonyl-4-[3-(1-methyl-3-morpholinocarbonyl-5-oxo-2-pyrazolin-4-ylidene)-1-propenyl]pyrazole-5-olate containing < 0.5 % N,N-dimethylformamide (EC No 200-679-5),	183196-57-8		5 (each)	5 (each)	
392 -	Pyridine	110-86-1				
393 -	tetrahydrothiopyran-3-carboxaldehyde	61571-06-0				
394 -	Thioacetamide	62-55-5				
395 -	Thiourea	62-56-6				
396 -	Toluene diisocyanate (1,3-)	26471-62-5		1 (each)	1 (each)	
397 -	toluene diisocyanate (2,4-)	584-84-9				
398 -	Trimethyl phosphate	512-56-1		5 (each)	5 (each)	

Category	Name to list	CAS	Test Method	Input water waste water (µg/L)	sludge - textiles raw materials - textiles articles - chemicals (mg/kg)	Banned/ phase-out
399 alkylating agent	Diethyl sulfate	64-67-5		5 (each)	5 (each)	
400 alkylating agent	Dimethyl sulfate	77-78-1				
401	Benzophenone	119-61-9				
402	benzophenone, 4,4'-bis(dimethylamino)- [Michler's ketone]	90-94-8				
403 biocide	Cycloheximide	66-81-9		1 (each)	1 (each)	
404 Biocide / antiseptic (inc. Leather)	Dichlorophene [2,2'-Methylenbis(4-chlorophenol)]	97-23-4				
405 Biocide / antiseptic (inc. Leather)	Metam sodium	137-42-8				
406 Biocide / fragrance	Safrole [5-allyl-1,3-benzodioxole]	94-59-7				
407 -	Bisphenol A	80-05-7		1	1	
408	boric acid	10043-35-3; 1303-86-2		5	5	
409	Boric acid, disodium salt	12179-04-3; 1303-96-4; 1330-43-4;		5	5	
410	borate, zinc salt	1332-07-6				
411 chlorinated ether	Bis(chloromethyl)ether	542-88-1		5	5	
412 chlorofluorophenol	2-chloro-6-fluoro-phenol	2040-90-6				
413 dimethyldithiocarbamates	dimethyldithiocarbamate, Potassium salt	128-03-0		5	5	
414 dimethyldithiocarbamates	dimethyldithiocarbamate, Sodium salt	128-04-1				
415 dimethyldithiocarbamates	Disodium ethylenebis(N,N'-dithiocarbamate)	142-59-6				
416 Dimethylhydrazines	1,2-Dimethylhydrazine	540-73-8				
417 Dimethylhydrazines	1,1-Dimethylhydrazine (UDMH)	57-14-7				
418 dinitrobenzenes	dinitrobenzenes	99-65-0				
419 flame retardant	2-ethylhexyl diphenyl phosphate	1241-94-7				
420 fungicide	Carbendazim (N-2-benzimidazolecarbamic acid methyl ester)	10605-21-7		1	1	
421 -	Carbon disulfide	75-15-0				
422 -	Ethylene thiourea	96-45-7				
423 -	Hexachlorobutadiene	87-68-3				
424 -	N-methylacetamide	79-16-3				
425 perboric acid compounds	perboric acid, sodium salt	10332-33-9; 10486-00-7; 11138-47-9;		5	10	
426 polymer additive	Diazene-1,2-dicarboxamide [C,C'-azodi(formamide), ADCA]	123-77-3				
427 polymer cross-linker	Triglycidylisocyanurate (TGIC)	2451-62-9		1	1	
428 Polymerisation inhibitor	N-(1,4-Dimethylpentyl)-N'-phenyl-benzen-1,4-diamin	3081-01-4				
429 Styrene	Styrene	100-42-5		5	5	
430 Surfactant	Diethanolamine	111-42-2		5	5	
431 synthetic musk	musk xylene	81-15-2				
432 tert-butyl, benzotriazole-phenols	2-(2H-Benzotriazol-2-yl)-4,6-bis(1,1-dimethylpropyl)fenol	25973-55-1				
433 tert-butyl, benzotriazole-phenols	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)-phenol	3147-75-9		1	5	
434 tert-butyl, benzotriazole-phenols	2-(2'-Hydroxy-3,5'-di-tert.butylphenyl)-benzotriazole	3846-71-7				
435 UV stabiliser	3-(4-methylbenzylidene) camphor	36861-47-9				