

Priority 11 group examples

Note that the restriction applies to all members of each of the 11 groups. Where applicable, a list of specific examples is given for each group. These are examples, and do not provide

Note: all chemicals to be tested in input formulations and output discharge (wastewater and sludge) and products

Note: annex: examples for detection limit from different labs

Category	Name to list	CAS	NOTES	Method Accredited ISO 17025	Input water waste water (µg/L)	Sludge products formulation/chemicals (mg/kg)
Alkylphenols (APEO)						
1	4-(1,1,3,3-Tetramethylbutyl)-phenol	140-66-9			1	1
2	Octylphenol	27193-28-8			1	1
3	4-Octylphenol	1806-26-4	AP	YES	1	1
4	4-Nonylphenol (branched)	25154-52-3			1	1
5	Nonylphenol	104-40-5			1	1
6	Nonylphenol (mixed isomers)	90481-04-2			1	1
7	Nonylphenol Ethoxylates NPEO (1-2) various				1	1
8	Nonylphenol Ethoxylates NPEO (3-18) various				1	1
9	Nonylphenol ethoxylated	9016-45-9, 68412-54-4, 127087-87-0, 37205-87-1			1	1
10	4-Nonylphenol, ethoxylated	26027-38-3	APEOS	YES	1	1
11	Octylphenol Ethoxylates OPEO (1-2) various				1	1
12	Octylphenol Ethoxylates OPEO (3-18) various				1	1
13	4-tert-Octylphenoethoxyate	9036-19-5, 68987-90-6			1	1
Phthalates						
14	Di-Butyl Phthalate (DBP)	84-74-2			1	10
15	Di(2-Ethyl Hexyl) Phthalate(DEHP)	117-81-7			1	10
16	Benzyl Butyl Phthalate (BBP)	85-68-7			1	10

17	Di-Iso-Nonyl Phthalate (DINP)	28553-12-0,68515-48-0		1	10
18	Di-N-Octyl Phthalate (DNOP)	117-84-0		1	10
19	Di-Iso-Decyl Phthalate (DIDP)	26761-40-0,68515-49-1		1	10
20	Di-Iso-Butyl Phthalate (DIBP)	84-69-5		1	10
21	Di-N-Hexyl Phthalate (DNHP)	84-75-3		1	10
22	Di-(2-methoxyethyl) phthalate (DMEP)	117-82-8	YES	1	10
23	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4		1	10
24	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6		1	10
25	Dipentyl phthalate (DPP)	131-18-0		1	10
26	Diisopentylphthalate	605-50-5		1	10
27	N-pentyl-isopentylphthalate	776297-69-9		1	10

Brominated and Chlorinated Flame retardants

28	Polybrominated diphenyl ethers (PBDEs) various			1	1
29	Monobromo diphenyl ethers (MonoBDE) -			1	1
30	Dibromo diphenyl ethers (DiBDE) -			1	1
31	Tribromo diphenyl ethers (TriBDE) -			1	1
32	Tetrabromo diphenyl ethers (TetraBDE)	40088-47-9		1	1
33	Pentabromo diphenyl ethers (PentaBDE)	32534-81-9		1	1
34	Hexabromo diphenyl ethers (HexaBDE)	36483-60-0		1	1
35	Heptabromo diphenyl ethers (HeptaBDE)	68928-80-3		1	1
36	Octabromo diphenyl ethers (OctaBDE)	32536-52-0		1	1
37	Nonabromo diphenyl ethers (NonaBDE)	63936-56-1	YES	1	1
38	Decabromo diphenyl ether (DecaBDE)	1163-19-5		1	1
39	Tris(2,3-Dibromopropyl)-Phosphate	126-72-7		1	1
40	Tris(2-Chloroethyl)Phosphate (TCEP)	115-96-8		1	1
41	Hexabromocyclododecane (HBCDD)	134237-50-6,134237-51-7,134237-52-8, 25637-99-4,3194-55-6		1	1
42	Tetrabromo-bisphenol A (TBBPA)	79-94-7		1	1
43	Bis (2,3-dibromopropyl) phosphate	5412-25-9		1	1
44	Tris(1,3-dichloro-2-propyl)phosphate (TDCPP)	13674-87-8		1	1
45	Tris (1-chloro-2-propyl) phosphate (TCPP)	13674-84-5		1	1

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		0,5	0,5
47	Benzidine	92-87-5		0,5	0,5
48	4-Chloro-o-Toluidine	95-69-2		0,5	0,5
49	2-Naphthylamine	91-59-8		0,5	0,5
50	o-Aminoazotoluene	97-56-3		0,5	0,5
51	2-Amino-4-Nitrotoluene	99-55-8		0,5	0,5
52	p-Chloroaniline	106-47-8		0,5	0,5
53	2,4-Diaminoanisole	615-05-4		0,5	0,5
54	4,4'-Diaminodiphenylmethane	101-77-9		0,5	0,5
55	3,3'-Dichlorobenzidine	91-94-1		0,5	0,5
56	3,3'-Dimethoxybenzidine	119-90-4		0,5	0,5
57	3,3'-Dimethylbenzidine	119-93-7	YES	0,5	0,5

58	3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	YES	0,5	0,5
59	p-Cresidine	120-71-8		0,5	0,5
60	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4		0,5	0,5
61	4,4'-Oxydianiline	101-80-4		0,5	0,5
62	4,4'-Thiodianiline	139-65-1		0,5	0,5
63	o-Toluidine	95-53-4		0,5	0,5
64	2,4-Toluylenediamine	95-80-7		0,5	0,5
65	2,4,5-Trimethylaniline	137-17-7		0,5	0,5
66	o-Anisidine	90-04-0		0,5	0,5
67	p-Aminoazobenzene	60-09-3		0,5	0,5
68	2,4-Xylidine	95-68-1		0,5	0,5
69	2,6-Xylidine	87-62-7		0,5	0,5

Organotin compounds

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

PFCs

84	PFBA	375-22-4		0,01	0,01
85	PFPeA	2706-90-3		0,01	0,01
86	PFHxA	307-24-4		0,01	0,01
87	PFHpA	375-85-9		0,01	0,01
88	PFOA	335-67-1		0,01	0,01
89	PFNA	375-95-1		0,01	0,01
90	PFDA	335-76-2		0,01	0,01
91	PFUnA	2058-94-8		0,01	0,01
92	PFDoA	307-55-1		0,01	0,01
93	PFTrA	72629-94-8		0,01	0,01
94	PFteA	376-06-7		0,01	0,01
95	PFBS	375-73-5 or 59933-66-3		0,01	0,01
96	PFHxS	355-46-4		0,01	0,01
97	PFHpS	375-92-8		0,01	0,01
98	PFOS	1763-23-1		0,01	0,01
99	PFDS	335-77-3		0,01	0,01
100	4:2 FTOH	2043-47-2	YES	0,1	0,1
101	6:2 FTOH	647-42-7		0,1	0,1
102	8:2 FTOH	678-39-7		0,1	0,1

103	10:2 FTOH	865-86-1		0,1	0,1
104	6:2 FTA	17527-29-6		0,01	0,01
105	8:2 FTA	27905-45-9		0,01	0,01
106	10:2 FTA	17741-60-5		0,01	0,01
107	PFOSA	754-91-6		0,01	0,01
108	POSF	307-35-7		0,01	0,01
109	N-Me-FOSA	31506-32-8		0,01	0,01
110	N-Et-FOSA	4151-50-2		0,01	0,01
111	N-Me-FOSE alcohol	24448-09-7		0,01	0,01
112	N-Et-FOSE alcohol	1691-99-2		0,01	0,01
113	PF-3,7-DMOA	172155-07-6		0,01	0,01
114	HPFHpA	1546-95-8		0,01	0,01
115	4HPFUnA	34598-33-9		0,01	0,01
116	1H, 1H, 2H, 2H-PFOS	27619-97-2		0,01	0,01

Chloro benzenes

117	Dichlorobenzenes various			0,02	0,5
118	1,2-Dichlorobenzene	95-50-1		0,02	0,5
119	1,3-Dichlorobenzene	541-73-1		0,02	0,5
120	1,4-Dichlorobenzene	106-46-7		0,02	0,5
121	Trichlorobenzenes	various		0,02	0,5
122	1,2,3-Trichlorobenzene	87-61-6		0,02	0,5
123	1,2,4-trichlorobenzene	120-82-1		0,02	0,5
124	1,3,5-Trichlorobenzene	108-70-3	YES	0,02	0,5
125	Tetrachlorobenzene	12408-10-5		0,02	0,5
126	1,2,3,4-tetrachlorobenzene	634-66-2		0,02	0,5
127	1,2,3,5-tetrachlorobenzene	634-90-2		0,02	0,5
128	1,2,4,5-tetrachlorobenzene	95-94-3		0,02	0,5
129	Pentachlorobenzene	608-93-5		0,02	0,5
130	Hexachlorobenzene	118-74-1		0,02	0,5
131	chlorobenzene	108-90-7		0,02	0,5

Chlorinated solvents

132	Dichloromethane	75-09-2		1	0,3
133	Chloroform	67-66-3		1	0,3
134	Tetrachloromethane	56-23-5		1	0,3
135	1,1,2-Trichloroethane	79-00-5		1	0,3
136	1,1-Dichloroethane	75-34-3		1	0,3
137	1,2-Dichloroethane	107-06-2		1	0,3
138	Trichloroethylene	79-01-6		1	0,3
139	Perchloroethylene	127-18-4	NO	1	0,3
140	1,1,1-trichloroethane	71-55-6		1	0,3
141	1,1,1,2-Tetrachloroethane	630-20-6		1	0,3
142	1,1,2,2-Tetrachloroethane	79-34-5		1	0,3
143	Pentachloroethane	76-01-7		1	0,3
144	1,1-Dichloroethylene	75-35-4		1	0,3
145	1,2,3-trichloropropane	96-18-4		1	0,3

Chloro phenols

146	Pentachlorophenols (PCP)	87-86-5		0,5	0,05
147	Tetrachlorophenols (TeCP)	25167-83-3		0,5	0,05
148	2,3,4,5-Tetrachlorophenol	4901-51-3		0,5	0,05
149	2,3,4,6-Tetrachlorophenol	58-90-2		0,5	0,05
150	2,3,5,6-tetrachlorophenol	935-95-5		0,5	0,05
151	Trichlorophenol (TriCP)	25167-82-2		0,5	0,05
152	2,4,6-trichlorophenol	88-06-2		0,5	0,05
153	2,3,4-trichlorophenol	15950-66-0		0,5	0,05
154	2,3,5-trichlorophenol	933-78-8		0,5	0,05
155	2,3,6-trichlorophenol	933-75-5	YES	0,5	0,05
156	2,4,5-trichlorophenol	95-95-4		0,5	0,05
157	3,4,5-trichlorophenol	609-19-8		0,5	0,05
158	Dichlorophenols (DiCP)	25167-81-1		0,5	0,05
159	2,3-dichlorophenol	576-24-9		0,5	0,05
160	2,4-dichlorophenol	120-83-2		0,5	0,05
161	2,5-dichlorophenol	583-78-8		0,5	0,05
162	3, 4-dichlorophenol	95-77-2		0,5	0,05
163	3, 5-dichlorophenol	591-35-5		0,5	0,05
164	Mono Chlorophenol various			0,5	0,05

SCCP

165	SCCP C10-13	85535-84-8	NO	0,5	1
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Heavy metals

166	Total Cadmium(Cd)	7440-43-9	YES	0,1	1
167	Total Lead(Pb)	7439-92-1	YES	1	1
168	Total Mercury(Hg)	7439-97-6	YES	0,5	1
169	Total Hexavalent chromium (Cr-VI)	18540-29-9	YES	1	1
			NO		

Beyond Priority 11 group examples

NOTE; Categories are in no particular order

					Input water waste water (µg/L)	Sludge products formulation/chemicals (mg/kg)
Brominated solvents						
174	Br-solvent	1,2-dibromoethane	106-93-4		1	1
175	Br-solvent	1-bromopropane; n-propyl bromide	106-94-5	NO	1	1
176	Br-solvent/dye intermediate	Bromoethane	74-96-4		1	1
177	Br-solvent/dye intermediate	2-bromopropane	75-26-3		1	1
α-chlorotoluenes						
178	α-chlorotoluene	Benzyl chloride; α-chlorotoluene	100-44-7	YES	1	1
179	α-chlorotoluene	p-chlorobenzotrichloride	5216-25-1		1	1
180	α-chlorotoluene	α,α,α-trichlorotoluene; benzotrichloride	98-07-7		1	1
181	α-chlorotoluene	α,α-Dichlorotoluene (Benzal chloride)	98-87-3		1	1
Glycol ethers						
239	glycol ether	Glycol; diglyme	111-96-6	NO	10	10
240	glycol ether	Ethylene glycol monomethyl ether	109-86-4		10	10
241	glycol ether	Ethylene glycol monomethyl ether acetate; 2-Methoxyethyl acetate	110-49-6		10	10
242	glycol ether	1,2-dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4		10	10
243	glycol ether	Ethylene glycol monoethyl ester	110-80-5		10	10
244	glycol ether	Ethylene glycol monoethyl ether acetate	111-15-9		10	10
245	glycol ether	1,2-diethoxyethane	629-14-1		10	10
246	glycol ether	Ethylene glycol	107-21-1		10	10
247	glycol ether	Glycol; triglyme (TEGDME)	112-49-2		10	10
N-nitroso compounds						
266	N-nitroso compounds	N-Nitrosopiperidine	100-75-4	YES	5	10
267	N-nitroso compounds	N-Nitrosomethylethylamine	10595-95-6		5	10
268	N-nitroso compounds	N-Nitrosodiethanolamine	1116-54-7		5	10
269	N-nitroso compounds	N-Ethyl-N-nitrosoanilin	612-64-6		5	10
270	N-nitroso compounds	N-Methyl-N-nitrosoanilin	614-00-6		5	10
271	N-nitroso compounds	N-Nitrosodi-n-propylamine	621-64-7		5	10
272	N-nitroso compounds	N-Nitrosodimethylamine	62-75-9		5	10
273	N-nitroso compounds	N-Methyl-N'-nitro-N-nitrosoguanidine	70-25-7		5	10
274	N-nitroso compounds	N-Nitrosodiphenylamine	86-30-6		5	10
275	N-nitroso compounds	N-Nitrosodiethylamine (NDEA)	55-18-5		5	10
276	N-nitroso compounds	N-Nitrosodi-n-butylamine (NDBA)	924-16-3		5	10
277	N-nitroso compounds	N-Nitrosopyrrolidine (NPYR)	930-55-2		5	10
278	N-nitroso compounds	N-Nitrosomorpholine (NMOR)	59-89-2		5	10
279	other nitroso compounds	p-Nitrosodiphenylamine	156-10-5		not an N-nitroso compound	5

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

Metals/metalloids:						
345	As	Arsenic & arsenic compounds	7440-38-2	CAS for arsenic (http://www.cas.org)	0,1	1
346	Be	Beryllium & beryllium oxide	7440-41-7 / 1304-56-9		1	1
347	Co	cobalt & cobalt compounds	7440-48-4	CAS for cobalt (http://www.cas.org)	1	10
348	Ni	nickel and nickel compounds	7440-02-0	CAS for nickel (http://www.cas.org)	5	10
349	Sb	Antimony & antimony compounds	7440-36-0	CAS for antimony (http://www.cas.org)	1	5
350	V	Vanadium pentoxide	1314-62-1		10	10

Category	Name to list	CAS	NOTES			
Antioxidant						
170	antioxidant	2,4,6-tri(t-butyl)Phenol	732-26-3		5	10
171	antioxidant	2,6-di-tert-butyl-4-(1-methylpropyl)-hydroxybenzene	17540-75-9		5	10
172	antioxidant	2,6-di-tert-butyl-4-(methylthioacetic acid, 2-ethylhexyl ester)-hydroxybenzene	80387-97-9	NO	5	10
173	antioxidant	6,6'-di-tert-butyl-4,4'-thiodi-m-cresol	96-69-5		5	10

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-diyl)))-1,1'-dipyridinium dichloride dihydrochloride	118658-99-4		1	5
183	azo dye (CMR)	C.I. Acid Red 26	3761-53-3		1	5
184	azo dye (CMR)	Pigment Rot 53:1 (C.I. 15585:1); D&C Red No. 9	5160-02-1		1	5
185	azo dye (CMR)	C.I. Solvent Yellow 14	842-07-9		1	5
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	NO	1	5
187	azo dye (CMR)	C.I. Disperse Yellow 3	2832-40-8		1	5
188	azo dye (CMR)	C.I. Solvent Yellow 2	60-11-7		1	5
189	azo dye (CMR)	C.I. Direct Blue 218	28407-37-6		1	5
190	azo dye amine	Diaminobenzidine [biphenyl-3,3',4,4'-	91-95-2		1	1
191	azo dye amine	diaminotoluene	25376-45-8		1	1
192	azo dye amine	N,N'-Diacetylbenzidine	613-35-4		1	1
193	azo dye amine	toluene-2,4-diammonium sulphate	65321-67-7		1	1

Dyes

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

Dye intermediate

208	dye intermediate	3-amino-9-ethyl carbazole, 9-ethylcarbazol-3-ylamine	132-32-1		1	5
209	dye intermediate	4,4-isobutylethylidenediphenol	6807-17-6		1	5
210	dye intermediate	4-amino-3-fluorophenol	399-95-1		1	5
211	dye intermediate	Anthraquinone	84-65-1		1	5
212	dye intermediate	anthraquinone, 1-hydroxy	129-43-1	NO	1	5
213	dye intermediate	Carbazole	86-74-8		1	5

214	dye intermediate	diazomethane	334-88-3		1	5
215	dye intermediate	Dimethylcarbamoyl chloride	79-44-7		1	5
216	dye intermediate	quinoline	91-22-5		1	5
217	dye reagent	potassium bromate	7758-01-2		1	5

Dinitrotoluenes

218	dinitrotoluene	2,4-dinitrotoluene	121-14-2		0,1	1
219	dinitrotoluene	dinitrotoluene (isomer mixture)	25321-14-6		0,1	1
220	dinitrotoluene	2,3-dinitrotoluene	602-01-7		0,1	1
221	dinitrotoluene	2,6-Dinitrotoluene	606-20-2	NO	0,1	1
222	dinitrotoluene	3,4-dinitrotoluene	610-39-9		0,1	1
223	dinitrotoluene	3,5-dinitrotoluene	618-85-9		0,1	1
224	dinitrotoluene	2,5-dinitrotoluene	619-15-8		0,1	1

Epoxy intermediate (CMRs)

225	epoxy intermediate (CMR)	Epichlorohydrin	106-89-8		10	10
226	epoxy intermediate (CMR)	phenyl glycidyl ether; 2,3-epoxypropyl phenyl ether; 1,2-epoxy-3-phenoxypropane	122-60-1		10	10
227	epoxy intermediate (CMR)	2,2'-bioxirane [1,2:3,4-diepoxybutane]	1464-53-5		10	10
228	epoxy intermediate (CMR)	2,3-epoxypropyltrimethylammonium chloride; EPTAC; Oxiranemethanaminium, N,N,N-trimethyl chloride; Glycidyltrimethylammonium chloride	3033-77-0		10	10
229	epoxy intermediate (CMR)	R-1-chloro-2,3-epoxypropane	51594-55-9		10	10
230	epoxy intermediate (CMR)	Glycidol [2,3-epoxy-1-propanol]	556-52-5	NO	10	10
231	epoxy intermediate (CMR)	R-2,3-epoxy-1-propanol	57044-25-4		10	10
232	epoxy intermediate (CMR)	1,3,5-tris-[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione	59653-74-6		10	10
233	epoxy intermediate (CMR)	oxiranemethanol, 4-methylbenzene-sulfonate, (S)-	70987-78-9		10	10
234	epoxy intermediate (CMR)	ethylene oxide; oxirane	75-21-8		10	10
235	epoxy intermediate (CMR)	propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9		10	10
236	epoxy intermediate (CMR)	styrene oxide; (epoxyethyl)benzene; phenyloxirane	96-09-3		10	10

Fibrous mineral

237	fibrous mineral	asbestos	-	Test not available	Best current testing technology using lowest detection/reporting limits always updated and applied	
238	fibrous mineral	erionite	12510-42-8			

Monomers

248	monomer	1,3-Butadiene	106-99-0		5	5
249	monomer	Acetaldehyde	75-07-0		5	5
250	monomer	Acrylonitrile	107-13-1		5	5
251	monomer	Aziridine [Ethyleneimine]	151-56-4		5	5
252	monomer	aziridine, 2-methyl	75-55-8		5	5
253	monomer	chloroprene (stabilized); 2-chlorobuta-1,3-diene	126-99-8		5	5
254	monomer	dimethylsulfamoylchloride	13360-57-1		5	5
255	monomer	Ethyl acrylate	140-88-5		5	5
256	monomer	Isobutyl nitrite	542-56-3		5	5

257	monomer	Isoprene	78-79-5	NO	5	5
258	monomer	Methylcarbamate	598-55-0		5	5
259	monomer	N-Vinyl-2-pyrrolidinone	88-12-0		5	5
260	monomer	Propane sultone [1,3-propanesultone; 1,2-oxathiolane 2,2-dioxide]	1120-71-4		5	5
261	monomer	Urethane (Ethyl carbamate)	51-79-6		5	5
262	monomer	Vinyl bromide	593-60-2		5	5
263	monomer	Vinyl chloride	75-01-4		5	5
264	monomer	Acrylamide	79-06-1		5	5
265	monomer	N-Methylolacrylamide	924-42-5		5	5

Respirable particles

305	respirable particles	Aluminium oxide (particles of respirable size)	1344-28-1	NO	Best current testing technology using lowest detection/reporting limits always updated and applied	
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			

Solvents

308	solvent	1,4-Dioxane	123-91-1	NO	10	1
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 (HEMPA)	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	Nitrilotriacetic 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		5	5
326	petroleum distillate (CMR cat 1A/1B)	distillate aromatic extract	64742-04-7		5	5
327	petroleum distillate (CMR cat 1A/1B)	extracts, petroleum, light paraffinic distillate solvent	64742-05-8		5	5
328	petroleum distillate (CMR cat 1A/1B)	extracts, petroleum, heavy naphthenic distillate	64742-11-6		5	5
329	petroleum distillate (CMR cat 1A/1B)	distillates, petroleum, chemically neutralized middle	64742-30-9		5	5
330	petroleum distillate (CMR cat 1A/1B)	solvent-dewaxed heavy paraffinic petroleum	64742-65-0		5	5
331	petroleum distillate (CMR cat 1A/1B)	benzin 140 - 300	8002-05-9		5	5
332	petroleum distillate (CMR cat 1A/1B)	naphtha	8030-30-6		5	5
333	petroleum distillate (CMR cat 1A/1B)	pitch	61789-60-4		5	5
334	petroleum distillate (CMR cat 1A/1B)	petroleum naphtha	64741-41-9		5	5

335	petroleum distillate (CMR cat 1A/1B)	hydrotreated light straight run (petroleum)	64742-49-0		5	5
336	petroleum distillate (CMR cat 1A/1B)	distillates (petroleum), hydrotreated (mild) heavy naphthenic (9ci);	64742-52-5	NO	5	5
337	petroleum distillate (CMR cat 1A/1B)	hydrotreated heavy paraffinic petroleum distillates (mineral oil)	64742-54-7		5	5
338	petroleum distillate (CMR cat 1A/1B)	distillates (petroleum), solvent-refined (mild) heavy paraffinic (9ci)	64741-88-4		5	5
339	petroleum distillate (CMR cat 1A/1B)	distillates (petroleum), solvent-refined (mild) light paraffinic (9ci)	64741-89-5		5	5
340	petroleum distillate (CMR cat 1A/1B)	aromatic naphtha, type 1	64742-95-6		5	5
341	petroleum distillate (CMR cat 1A/1B)	aromatic petroleum derivative solvent	68477-31-6		5	5
342	petroleum distillate (CMR cat 1A/1B)	petrolatum	8009-03-8		5	5
343	additive/sealant	Bitumen	64742-93-4		5	5
344	coal distillate (CMR cat 1A/1B)	Coal Tar oil	65996-82-9		5	5

Others

351	-	(2-chloroethyl)(3-hydroxypropyl)ammonium chloride	40722-80-3		10	1
352	-	(4-ethoxyphenyl)(3-(4-fluoro-3-phenoxyphenyl)propyl)dimethylsilane	105024-66-6		10	1
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		5	1
355	-	2-butyryl-3-hydroxy-5-thiocyclohexan-3-yl-cyclohex-2-en-1-one	94723-86-1		5	1
356	-	2-nitroanisole	91-23-6		5	1
357	-	2-nitronaphthalene	581-89-5		5	1
358	-	2-Nitropropane	79-46-9		5	1
359	-	2-nitrotoluene	88-72-2		5	1
360	-	4,4'-Methylenbis(N-(1-methylpropyl)benzolamin)	5285-60-9		5	1
361	-	4-Nitrobiphenyl	92-93-3		5	1
362	-	5-Nitroacenaphthene	602-87-9		5	1
363	-	7-methoxy-6-(3-morpholin-4-yl-propoxy)-3H-quinazolin-4-one Containing ≥ 0.5 % formamide (EC No 200-812-0)	199327-61-2		5	1
364	-	AEEA [2-(2-aminoethylamino)ethanol]	111-41-1		5	1
365	-	Aniline	62-53-3		5	5
366	-	Azobenzene	103-33-3		1	1
367	-	Carbon black	1333-86-4		Best current testing technology using lowest detection/reporting limits always updated and applied	
368	-	chloro-N,N-dimethylformiminium chloride	3724-43-4		1	1
369	-	Colchicine	64-86-8		1	1
370	-	Diazoaminobenzene	136-35-6		1	1
371	-	Formaldehyde	50-00-0		10	15
372	-	formamide	75-12-7		5	5
373	-	Hydrazine	302-01-2		5	5
374	-	hydrazobenzene	122-66-7		5	5
375	-	hydroquinone (1,4-Dihydroxybenzene)	123-31-9		5	5
376	-	methoxyacetic acid	625-45-6		5	5
377	-	Methylazoxymethanol acetate	592-62-1		5	5
378	-	Michler's base (N,N,N',N'-tetramethyl-4,4'-methylenedianiline)	101-61-1		5	5

379	-	N-(2-Naphthyl)anilin	135-88-6
380	-	N,N-(dimethylamino)thioacetamide hydrochloride	27366-72-9
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
387	-	Phenolphthalein	77-09-8
388	-	Phenyldiazine	100-63-0
389	-	phenylhydrazine hydrochloride	27140-08-5; 59-88-1
390	-	phenylhydrazinium sulphate (2:1)	52033-74-6
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
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
397	-	toluene diisocyanate (2,4-)	584-84-9
398	-	Trimethyl phosphate	512-56-1
399	alkylating agent	Diethyl sulfate	64-67-5
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
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
408		boric acid	10043-35-3; 1303-86-2
409		Boric acid, disodium salt	12179-04-3; 1303-96-4; 1330-43-4; 12267-73-1; 13840-56-7
410		borate, zinc salt	1332-07-6
411	chlorinated ether	Bis(chloromethyl)ether	542-88-1
412	chlorofluorophenol	2-chloro-6-fluoro-phenol	2040-90-6
413	dimethyldithiocarbamates	dimethyldithiocarbamate, Potassium salt	128-03-0
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
421	-	Carbon disulfide	75-15-0

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422	-	Ethylene thiourea	96-45-7		1	1
423	-	Hexachlorobutadiene	87-68-3		1	1
424	-	N-methylacetamide	79-16-3		1	1
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		1	1
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		1	1
429	Styrene	Styrene	100-42-5		5	5
430	Surfactant	Diethanolamine	111-42-2		5	5
431	synthetic musk	musk xylene	81-15-2		1	5
432	tert-butyl, benzotriazole-phenols	2-(2H-Benzotriazol-2-yl)-4,6-bis(1,1-	25973-55-1	UV stabiliser	1	5
433	tert-butyl, benzotriazole-phenols	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)-phenol	3147-75-9	UV stabiliser	1	5
434	tert-butyl, benzotriazole-phenols	2-(2'-Hydroxy-3,5'-di-tert.butylphenyl)-benzotriazole	3846-71-7	UV stabiliser	1	5
435	UV stabiliser	3-(4-methylbenzylidene) camphor	36861-47-9		1	5