

LIST OF CHEMICALS HAZARDOUS TO HEALTH

CHEMICALS FOR ACQUISITION APPROVAL ARE LISTED BELOW:-

A SPECIAL & SPECIFIC CHEMICALS / TABLE 1 (USECHH 2000)

No.	Chemical	CAS	Eight-hour time-weighted average airborne concentration		Ceiling limit airborne concentration	
			ppm	mg/m ³	ppm	mg/m ³
A						
1	Acetaldehyde	75-07-0			25	45
2	Acetic acid	64-19-7	10	25		
3	Acetic anhydride	108-24-7	5	21		
4	Acetone	67-64-1	500	1187		
5	Aceton cyanohydrin	75-86-5			4.7	5
6	as CN- (skin)					
7	Acetonitrile	75-05-8	40	67		
8	Acetophenone	98-66-2	10	49		
9	Acetylenedichloride, see 1,2-Dichloroethylene					
10	Acetylene tetrabromide	79-27-6	1	14		
11	Acetylsalicylic acid (aspirin)	50-78-2		5		
12	Acrolein- (skin)	107-02-8			0.1	0.23
13	Acrylamide- (skin)	79-06-1		0.03		
14	Acrylic acid- (skin)	79-10-7	2	5.9		
15	Acrylonitrile- (skin)	107-13-1	2	4.3		
16	Adipic acid	124-04-9		5		
17	Adiponitrile- (skin)	111-69-3	2	8.8		
18	Aldrin	309-00-2		0.25		
19	Ally alcohol - (skin)	107-18-6	0.5	1.2		
20	Allyl chloride	107-05-1	1	3		
21	Allyl glycidyl ether (AGE)	106-92-3	1	4.6		
22	Allyl propyl disulfide	2179-59-1	2	12		
23	Alumina, see Aluminium oxide					
24	Aluminium	7429-90-5				
	Metal dust			10		
	Pyro powder, as Al			5		

	Welding fumes. As Al			5		
	Soluble salts, as Al			2		
	Alkyls (NOC), as Al			2		
25	Aluminium oxide	1344-28-1		10	The value is for particulate matter containing no asbestos and <1% crystalline silica.	
26	4-Aminodiphenyl-(skin)	92-67-1				
27	2-Aminoethanol, see Ethanolamine					
28	2-Aminopyridine	504-29-0	0.5	1.9		
29	3-Amino-1,2,4-triazole, see Amitrole					
30	Amitrole	61-82-5		0.2		
31	Ammonia	7664-41-7	25	17		
32	Ammonium chloride fume	12125-02-9		10		
33	Ammonium perfluorooctanoate- (skin)	3825-26-1		0.01		
34	Ammonium sulfamate	7773-06-0		10		
35	Amosite, see Asbestos					
36	n-Amyl acetate	628-63-7	100	532		
37	see- Amyl acetate	626-38-0	125	665		
38	Aniline and homologues- (skin)	62-53-3	2	7.6		
39	o-Anisidine- (skin)	90-04-0	0.1	0.5		
40	p-Anisidine- (skin)	104-94-9	0.1			
41	Antimony and compound as Sb	7440-36-0		0.5		
42	Antimony trioxide production	1309-64-4				
43	ANTU	86-88-4		0.3		
44	Arsenic, elemental and inorganic compound (except arsine), as As	7440-38-2		0.01		
45	Arsine	7784-42-1	0.05	0.16		
46	Asbestos, all forms except ceocidolite	1332-21-4		0.1 f/ml		
47	Asphalt (petroleum) fumes	8052-42-4		5		
48	Atrazine	1912-24-9		5		
49	Azinphos-methyl- (skin)	86-50-0		0.2		
B						
50	Barium, and soluble compounds, as Ba	7440-39-3		0.5		
51	Barium sulfate	7727-43-7		10	The value is for particulate matter containing no asbestos and <1% crystalline silica	
52	Benomyl	17804-35-2		10		

53	Benz[a]anthracene	56-55-3				
54	Benzene	71-43-2	0.5	1.6		
55	Benzidine- (skin)	92-87-5				
56	Benzo[b]fluoroanthene	205-99-2				
57	p-Benzoquinone, see Quinone					
58	Benzotrichloride- (skin)	98-07-7			0.1	
59	Benzoyl chloride	98-88-4			0.5	2.8
60	Benzoyl peroxide	94-36-0		5		
61	Benzo[a]pyrene	50-32-8				
62	Benzyl acetate	140-11-4	10	61		
63	Benzyl chloride	100-44-7	1	5.2		
64	Beryllium and compounds, as Be	7440-41-7		0.002		
65	Biphenyl	92-52-4	0.2	1.3		
66	Bismuth telluride, as Bi ₂ Te ₃					
	Undoped	1304-82-1		10		
	Se-doped			5		
67	Borates, tetra, sodium salts	1303-96-4				
	Anhydrous			1		
	Decahydrate			5		
	Pentahydrate			1		
68	Boron oxide	10303-86-2		10		
69	Boron tribromide	10294-33-4			1	10
70	Boron trifluoride	7637-07-2			1	2.8
71	Bromacil	314-40-9		10		
72	Bromine	7726-95-6	0.1	0.66		
73	Bromine pentafluoride	7789-30-2	0.1	0.72		
74	Bromochloromethane, see Chlorobromomethane					
75	Bromoform- (skin)	75-25-2	0.5	5.2		
76	1,3-Butadiene	106-99-0	2	4.4		
77	Butane	106-97-8	800	1900		
78	Butanethiol, see Butyl mercaptan					
79	n-Butanol- (skin)	71-36-3			50	152
80	sec-Butanol	78-92-2	100	303		
81	tert-Butanol	75-65-0	100	303		
82	2-Butanone, see Methyl ethyl ketone (MEK)					
83	2-Butoxyethanol (EBE)- (skin)	111-76-2	20	96.7		
84	n-Butyl acetate	123-86-4	150	713		
85	sec-Butyl acetate	105-46-4	200	950		

86	tert-Butyl acetate	540-88-5	200	950		
87	n-Butyl acrylate	141-32-2	2	10.48		
88	n-Butylamine- (skin)	109-73-9			5	15
89	tert-Butyl chromates, as CrO ₃ - (skin)	1189-85-1				0.1
90	n-Butyl glycidyl ether (BGE)	2426-08-6	25	133		
91	n-Butyl lactate	138-22-7	5	30		
92	n-Butyl mercaptan	109-79-5	0.5	1.8		
93	o-sec Butylphenol- (skin)	89-72-5	5	31		
94	p-tert-Butyl toluene	98-51-1	1	6.1		
C						
95	Cadmium, elemental and compounds, as Cd	7440-43-9		0.01		
				0.002	Respirable fraction. The value is for particulate matter containing no asbestos and <1% crystalline silica	
96	Calcium chromate, as Cr	13765-19-0		0.001		
97	Calcium cyanamide	156-62-7		0.5		
98	Calcium hydroxide	1305-62-0		5		
99	Calcium oxide	1305-78-8		2		
100	Calcium silicate	1344-95-2		10	The value is for particulate matter containing no asbestos and <1% crystalline silica	
101	Calcium sulfate	7778-18-9		10	The value is for particulate matter containing no asbestos and <1% crystalline silica	
102	Camphor, synthetic	76-22-2	2	12		
103	Caprolactam	105-60-2				
	Particulate			1		
	Vapor		5	23		
104	Captafol - (skin)	2425-06-1		0.1		
105	Captan	133-06-2		5		
106	Carbaryl	63-25-22		5		
107	Carbofuran	1563-66-2		0.1		
108	Carbon black	1333-86-4		3.5		
109	Carbon dioxide	124-38-9	5000	9000		
110	Carbon disulfide- (skin)	75-15-0	10	31		
111	Carbon monoxide	630-08-0	25	29		
112	Carbon tetrabromide	558-13-4	0.1	1.4		
113	Carbon tetrachloride	56-23-5	5	31		
114	(Tetrachloromethane)-(skin) Carbonyl chloride, see Phosgene					
115	Carbon fluoride	353-50-4	2	5.4		

116	Catechol- (skin)	120-80-9	5	23		
117	Cellulase	9004-34-6		10		
118	Cesium hydroxide	21351-79-1		2		
119	Chlordane- (skin)	57-74-9		0.5		
120	Chlorinated camphene	8001-35-2		0.5		
121	(Toxaphene_ - (skin)					
122	o-Chlorinated diphenyl oxide	31242-93-0		0.5		
123	Chlorine	7782-50-5	0.5	1.5		
124	Chlorine dioxide	10049-04-4	0.1	0.28		
125	Chlorine trifluoride	7790-91-2			0.1	0.38
126	Chloroacetaldehyde- (skin)	107-20-0			1	3.2
127	Chloroacetone- (skin)	78-95-5			1	3.8
128	2-Chloroacetophenone	532-27-4	0.05	0.32		
129	Chloroacetyl chloride- (skin)	79-04-9	0.05	0.23		
130	o-Chlorobenzylidene malononitrile- (skin)	2698-41-1			0.05	0.39
131	Chlorobenzene	108-90-7	10	46		
132	Chlorobromomethane	74-97-5	200	1060		
133	2-Chloro-1,3-butadiene, see β -Chloroprene					
134	Chlorodifluoromethane	74-45-6	1000	3540		
135	Chlorodiphenyl	53469-21-9		1		
136	(42% chlorine)- (skin)					
137	Chlorodiphenyl	11097-69-1		0.5		
138	(54% chlorine)- (skin)					
139	1-Chloro-2,3-epoxy propane, see Epichlorohydrin					
140	2-Chloroethanol, see Ethylene chlorohydrin					
141	Chloroethylene, see Vinyl chloride					
142	Chloroform	67-63-3	10	49		
143	bis(Chloromethy) ether	542-88-1	0.001	0.0047		
144	Chloromethyl methyl ether	107-30-2				
145	1-Chloro-1-nitropropane	600-25-9	2	10		
146	Chloropentafluoroethane	76-15-3	1000	6320		
147	Chloropicrin	76-06-2	0.1	0.67		
148	β -Chloroprene- (skin)	126-99-8	10	36		
149	2-Chloropropionic acid- (skin)	598-78-7	0.1	0.44		
150	o-Chlorostyrene	2039-87-4	50	283		
151	o-Chlorotoluene	95-49-8	50	259		
152	2-Chloro-6-(trichloromethyl) pyridine, see Nitapyrin Chlorpyrifos- (skin)	2921-88-2		0.2		

153	Chromite ore processing (Chromate), as Cr					
154	Chromium, metal and inorganic compound, as Cr					
	Metal and Cr III compounds			0.5		
	Water-soluble Cr VI compounds, NOC			0.05		
	Insoluble Cr VI compounds, NOC			0.01		
155	Chromyl chloride	14977-61-8	0.025	0.16		
156	Chrysene	218-01-9				
157	Chrysotile, see Asbestos					
158	Clopidol	2971-90-6		10		
159	Coal dust					
	Anthracite			0.4		Respirable fraction
	Bituminous			0.9		Respirable fraction
160	Coal tar pitch volatiles, as benzene solubles	65996-93-2		0.2		
161	Cobalt, elemental and inorganic compounds, as Co	7440-48-4		0.02		
162	Cobalt carbonyl, as Co	10210-68-1		0.1		
163	Cobalt hydrocarbonyl, as Co	16842-03-8		0.1		
164	Copper	7440-50-8				
	Fume			0.2		
	Dusts & Mists, as Cu			1		
165	Cotton dust, raw			0.2		
166	Cresol, all isomers- (skin)	1319-77-3	5	22		
167	Cristobalite, see Silica- Crystalline					
168	Crocidolite, see Asbestos					
169	Crotonaldehyde- (skin)	4170-30-3			0.3	0.855
170	Crufomate	299-86-5		5		
171	Cumene- (skin)	98-82-8	50	246		
172	Cyanamide	420-04-2		2		
173	Cyanogen	460-19-5	10	21		
174	Cyanogen chloride	506-77-4			0.3	0.75
175	Cyclohexane	110-82-7	300	1030		
176	Cyclohexanol- (skin)	108-93-0	50	206		
177	Cyclohexanone- (skin)	108-94-1	25	100		
178	Cyclohexene	110-83-8	300	1010		
179	Cyclohexylamine	108-91-8	10	41		
180	Cyclonite- (skin)	121-82-4		0.5		
181	Cyclopentadiene	542-92-7	75	203		
182	Cyclopentane	287-92-3	600	1720		

183	Cyhexatin	13121-70-5		5		
D						
184	2,4-D	94-75-7		10		
185	DDT (Dichlorodiphenyltrichloroethane)	50-29-3		1		
186	Decarborane- (skin)	17702-41-9	0.05	0.25		
187	Demeton- (skin)	8065-48-3	0.01	0.11		
188	Diacetone alcohol	123-42-2	50	238		
189	1,2-Diaminoethane, see Ethylenediamine					
190	Diatomaceous earth, see Silica Amorphous					
191	Diazinon- (skin)	333-41-5		0.1		
192	Diazomethane	334-88-3	0.2	0.34		
193	Diborane	19287-45-7	0.1	0.11		
194	1,2-Dibromoethane, see Ethylene dibromide					
195	2-N-Dibutylaminoethanol- (skin)	102-81-8	0.5	3.5		
196	Dibutyl phenyl phosphate- (skin)	2528-36-1	0.3	3.5		
197	Dibutyl phosphate	107-66-4	1	8.6		
198	Dibutyl phthalate	84-74-2		5		
199	Dichloroacetylene	7572-29-4			0.1	0.39
200	o-Dichlorobenzene	95-50-1	25	150		
201	p-Dichlorobenzene	106-46-7	10	60		
202	3,3'-Dichlorobenzidine- (skin)	91-94-1				
203	1,4-Dichloro-2-butene- (skin)	764-41-0	0.005	0.025		
204	Dichlorodifluoromethane	75-71-8	1000	4950		
205	1,3-Dichloro-5, 5-dimethylhydantoin	118-52-5		0.2		
206	1,1-Dichloroethane	75-34-3	100	405		
207	1,2-Dichloroethane, see Ethylene dichloride					
208	1,1-Dichloroethylene, see Vinylidene chloride					
209	1,2-Dichloroethylene	540-59-0	200	793		
210	Dichloroethyl ether- (skin)	111-44-4	5	29		
211	Dichlorofluoromethane	75-43-4	10	42		
212	Dichloromethane	75-09-2	50			
213	1,1-Dichloro-1-nitroethane	594-72-9	2	12		
214	1,2-Dichloropropane, see Propylene dichloride					
215	1,3-Dichloropropene- (skin)	542-75-6	1	4.5		
216	2,2-Dichloropropionic acid	75-99-0	1	5.8		
217	Dichlorotetrafluoroethane	76-14-2	1000	6990		
218	Dichlorvos- (skin)	62-73-7	0.1	0.9		
219	Dicrotophos-(skin)	141-66-2		0.25		

220	Dicyclopentadiene	77-73-6	5	27		
221	Dicyclopentadienyl iron	102-54-5		10		
222	Dieldrin- (skin)	60-57-1		0.25		
223	Diethanolamine- (skin)	111-42-2	0.46	2		
224	Diethylamine- (skin)	109-89-7	5	15		
225	2-Diethylaminoethanol- (skin)	100-37-8	2	9.6		
226	Diethylene triamine- (skin)	111-40-0	1	4.2		
227	Diethyl ether, see Ethyl ether					
228	Di(2-ethylhexyl) phthalate (DEHP)	117-81-7		5		
229	Diethyl ketone	96-22-0	200	705		
230	Diethyl phthalate	84-66-2		5		
231	Difluorodibromomethane	75-61-6	100	858		
232	Diglycidyl ether (DGE)	2238-07-5	0.1	0.53		
233	Dihydroxybenzene, see Hydroquinone					
234	Diisobutyl ketone	108-83-8	25	145		
235	Diisopropylamine- (skin)	108-18-9	5	21		
236	Dimethoxymethane, see Methylal N,N-Dimethylacetamide- (skin)	127-19-5	10	36		
237	Dimethylamine	124-40-3	5	9.2		
238	Dimethylaminobenzene, see Xylidene					
239	Dimethylaniline (n,N-Dimethylaniline)- (skin)	121-69-7	5	25		
240	Dimethybenzene, see Xylene Dimethyl carbamoyl chloride	79-44-7				
241	Dimethyl-1, 2-dibromo-2, 2-dichloroethyl phosphate, see Naled					
242	Dimethylethoxysilane	14857-34-2	0.5			
243	Dimethylformamide- (skin)	68-12-2	10	30		
244	2,6-Dimethyl-4-heptanone, see Diisobutyl ketone 1,1-Dimethylhydrazine- (skin)	57-14-7	0.01	0.025		
245	Dimethylnitrosoamine, see N-Nitrosodimethylamine					
246	Dimethylphthalate	131-11-3		5		
247	Dimethyl sulfate- (skin)	77-78-1	0.1	0.52		
248	Dinitolmide	148-01-6		5		
249	Dinitrobenzene	528-29-0	0.15	1		
250	(all isomers)- (skin)	99-65-0; 100-25-4				
251	Dinitro-o-cresol- (skin)	534-52-1		0.2		
252	3,5-Dinitro-o-toluamide, see Dinitrolmide					
253	Dinitrotoluene- (skin)	25321-14-6		0.2		

254	1,4-Dioxane- (skin)	123-91-1	20	72.1		
255	Dioxathion- (skin)	78-34-2		0.2		
256	Diphenyl, see Biphenyl					
257	Diphenylamine	122-39-4		10		
258	Diphenylmethane diisocyanate, see Methylene bisphenyl isocyanate					
259	Dipropylene glycol methyl ether- (skin)	34590-94-8	100	606		
260	Dipropyl ketone	123-19-3	50	233		
261	Diquat- (skin)	2764-72-9		0.5		
				0.1	Respirable fraction	
262	Di-sec-octyl phthalate, see Di (2-ethylhexy) phthalate					
263	Disulfiram	97-77-8		2		
264	Disulfoton- (skin)	298-04-4		0.1		
265	2,6-Di-tert-butyl-p-cresol [Butylated hydroxytoluene (BHT)]	128-37-0		10		
266	Diuron	330-54-1		10		
267	Divinyl benzene	1321-74-0	10	53		
E						
268	Emery	1302-74-5		10	The value is for particulate matter containing no asbestos and <1% crystalline silica	
269	Endosulfan-(skin)	115-29-7		0.1		
270	Endrin- (skin)	72-20-8		0.1		
271	Enflurane	13838-16-9	75	556		
272	Enzymes, see Subtilisins					
273	Epichlorohydrin- (skin)	108-89-8	0.5	1.9		
274	EPN- (skin)	2104-64-5		0.1		
275	1,2-Epoxypropane, see Propylene oxide					
276	2,3-Epoxy-1-propanol, see Glycidol					
277	Ethanethiol, see Ethyl mercapan					
278	Ethanol	64-17-5	1000	1880		
279	Ethanolamine	141-43-5	3	7.5		
280	Ethion - (skin)	563-12-2		0.4		
281	2-Ethoxyethanol (EGEE)- (skin)	110-80-5	5	18		
282	2-Ethoxyethyl acetate (EGEEA)- (skin)	111-15-9	5	27		
283	Ethyl acetate	141-78-6	400	1440		
284	Ethyl acrylate	140-88-5	5	20		
285	Ethyl alcohol, see Ethanol Ethylamine- (skin)	75-04-7	5	9.2		
286	Ethyl amyl ketone	541-85-5	25	131		

287	Ethyl benzene	100-41-4	100	434		
288	Ethyl bromide- (skin)	74-96-4	5	22		
289	Ethyl butyl ketone	106-35-4	50	234		
290	Ethyl chloride- (skin)	75-00-3	100	264		
291	Ethyl cyanoacrylate	7085-85-0	0.2			
292	Ethylene chlorohydrin- (skin)	107-07-3			1	3.3
293	Ethylenediamine- (skin)	107-15-3	10	25		
294	Ethylene dibromide- (skin)	106-93-4				
295	Ethylene dichloride	107-06-2	10	40		
296	Ethylene glycol, aerosol	107-21-1			39.4	100
297	Ethylene glycol dinitrate-(skin)	628-96-6	0.05	0.31		
298	Ethylene glycol methyl ether acetate, see 2-Methoxyethyl acetate					
299	Ethylene oxide	75-21-8	1	1.8		
300	Ethylenimine- (skin)	151-56-4	0.5	0.88		
301	Ethyl ether	60-29-7	400	1210		
302	Ethyl formate	109-94-4	100	303		
303	Ethylidene chloride, see 1,1-Dichloroethane					
304	Ethylidene norbornene	16219-75-3			5	25
305	Ethyl mercaptan	75-08-1	0.5	1.3		
306	N-Ethylmorpholine-(skin)	100-74-3	5	24		
307	Ethyl silicate	78-10-4	10	85		
F						
308	Fenamiphos-(skin)	22224-92-6		0.1		
309	Fensulfothion	115-90-2		0.1		
310	Fenthion- (skin)	55-38-9		0.2		
311	Ferbam	14484-64-1		10		
312	Ferrovandium dust	12604-58-9		1		
313	Fibrous glass dust, see Synthetic Vitreous Fibers-Continuous filament glass fibers.					
314	Fluorides, as F			2.5		
315	Fluorine	7782-41-4	1	1.6		
316	Fluorotrchloromethane, see Trichlorofluoromethane					
317	Fonofos- (skin)	944-22-9		0.1		
318	Formaldehyde	50-00-0			0.3	0.37
319	Formamide- (skin)	75-12-7	10	18		
320	Formic acid	64-18-6	5	9.4		
321	Furfural- (skin)	98-01-1	2	7.9		

322	Furfuryl alcohol-(skin)	98-00-0	10	40		
G						
323	Gasoline	8006-61-9	300	890		
324	Germanium tetrahydride	7782-65-2	0.2	0.63		
325	Glass, fibrous or dust, see Synthetic vitreous fibers					
326	Glutaraldehyde, activated and inactivated	111-30-8			0.05	0.21
327	Glycerin mist	56-81-5		10		
328	Glycidol	556-52-5	2	6.1		
329	Glycol monoethyl ether, see 2-Ethoxyethanol					
330	Grain dust (oat, wheat, barley)				The value is for particulate matter containing no asbestos and <1% crystalline silica	
331	Graphite (all forms except graphite fibres)	7782-42-5		2	Respirable fraction	
332	Gypsum, see Calcium sulfate					
H						
333	Hafnium	7440-58-6		0.5		
334	Halothane	151-67-7	50	404		
335	Heptachlor- (skin)	76-44-8		0.05		
336	Heptaclor epoxide- (skin)	1024-57-3		0.05		
337	Heptane (n-Heptane)	142-82-5	400	1640		
338	2-Heptanone, see Methyl n-amyl ketone					
339	3-Heptanone, see Ethyl butyl ketone					
340	Hexachlorobenzene- (skin)	118-74-1		0.002		
341	Hexachlorobutadiene- (skin)	87-68-3	0.02	0.21		
342	Hexachlorocyclopentadiene	77-47-4	0.01	0.11		
343	Hexachloroethane- (skin)	67-72-1	1	9.7		
344	Hexachloromaphthalene- (skin)	1335-87-1		0.2		
345	Hexafluoroacetone- (skin)	684-16-2	0.1	0.68		
346	Hexamethylene diisocyanate	822-06-0	0.005	0.034		
347	Hexamethyl phosphoramidate	680-31-9				
348	n-Hexane- (skin)	110-54-3	50	176		
349	Hexane, Other isomers		500	1760		
350	1,6-Hexanediamine	124-90-4	0.5	2.3		
351	2,Hexanone, see Methyl n-butyl ketone					
352	1-Hexane	592-41-6	30			
353	sec-Hexyl acetate	108-84-9	50	295		
354	Hexylene glycol	107-41-5			25	121
355	Hydrazine- (skin)	302-01-2	0.01	0.013		
356	Hydrogenated terphenyls (nonirradiated)	61788-32-7	0.5	4.9		

357	Hydrogen bromide	10035-10-6			3	9.9
358	Hydrogen chloride	7647-01-0			5	7.5
359	Hydrogen cyanide salts as CN					
360	Hydrogen cyanide- (skin)	74-90-8			4.7	5
	Calcium cyanide- (skin)	592-01-8				5
	Potassium cyanide- (skin)	151-50-8				5
	Sodium cyanide- (skin)	143-33-9				5
361	Hydrogen fluoride, as F	7664-39-3			3	2.3
362	Hydrogen peroxide	7722-84-1	1	1.4		
363	Hydrogen selenide, as Se	7783-07-5	0.05	0.16		
364	Hydrogen sulfide	7783-06-4	10	14		
365	Hydroquinone	123-31-9		2		
366	4-Hydroxy-4-methyl-2-pentanone, see Diacetone alcohol					
367	2-Hydroxypropyl acrylate- (skin)	999-61-1	0.5	2.8		
I						
368	Indene	95-13-6	10	48		
369	Indium & compounds, as In	7440-74-6		0.1		
370	Iodine	7553-56-2			0.1	1
371	Iodoform	75-47-8	0.6	10		
372	Iron oxide dust & fume (Fe ₂ O ₃) as Fe	1309-37-1	2	5	The value is for particulate matter containing no asbestos and <1% crystalline silica	
373	Iron pentacarbonyl, as Fe	13463-40-6	0.1	0.23		
374	Iron salts, soluble, as Fe			1		
375	Isoamyl acetate	123-92-2	100	532		
376	Isoamyl alcohol	123-51-3	100	361		
377	Isobutyl acetate	110-19-0	150	713		
378	Isobutyl alcohol	78-83-1	50	152		
379	Isooctyl alcohol- (skin)	26952-21-6	50	266		
380	Isophorone	78-59-1			5	28
381	Isophorone diisocyanate	4098-7-9	0.005	0.045		
382	2-Isopropoxyethanol- (skin)	109-59-1	25	106		
383	Isopropyl acetate	108-21-4	250	1040		
384	Isopropyl alcohol	67-63-0	400	983		
385	Isopropylamine	75-31-01	5	12		
386	N-Isopropylaniline- (skin)	768-52-5	2	11		
387	Isopropyl ether	108-20-3	250	1040		
388	Isopropyl glycidyl ether (IGE)	4016-14-2	50	238		
K						

389	Kaolin	1332-58-7		2	The value is for particulate matter containing no asbestose and <1% crystalline silica. Respirable fraction.
390	Ketene	463-51-4	0.5	0.86	
L					
391	Lead, elemental and	7439-92-1		0.05	
392	inorganic compound, as Pb ₃				
393	Lead arsenate, as Pb ₃ (AsO ₄) ₂	7784-40-9		0.15	
394	Lead chromate	7758-97-6			
	as Pb			0.05	
	as Cr			0.012	
395	Limestone, see calcium carbonate				
396	Lindane- (skin)	58-89-9		0.5	
397	Lithium hydride	7580-67-8		0.025	
398	L.P.G (Liquified petroleum gas)	68476-85-7	1000	1800	
M					
399	Magnesite	546-93-0		10	The value is for particulate matter containing no asbestose and <1% crystalline silica
400	Magnesium oxide fume	1309-48-4		10	
401	Malathion- (skin)	121-75-5		10	
402	Maleic anhydride	108-31-6	0.25	1	
403	Manganese, elemental and inorganic compound, as Mn	7439-96-5		0.2	
404	Manganese cyclopentadienyl tricarbonyl, as Mn- (skin)	12079-65-1		0.1	
405	Marble, see Calcium carbonate				
406	Mercury, as Hg- (skin)	7439-97-6			
	Alkyl compounds			0.01	
	Aryl compounds			0.2	
	Inorganic forms including metallic mercury			0.025	
407	Mesityl oxide	141-79-7	15	60	
408	Methacrylic acid	79-41-4	20	70	
409	Methanethiol, see Methyl mercaptan				
410	Methanol- (skin)	67-56-1	200	262	
411	Methomyl	16752-77-5		2.5	
412	Methoxychlor	72-43-5		10	
413	2-Methoxyethanol (EGME)- (skin)	109-86-4	5	16	
414	2-Methoxyethyl acetate(EGMEA)- (skin)	110-49-6	5	24	
415	4-Methoxyphenol	150-76-5		5	

416	Methyl acetate	79-20-9	200	606		
417	Methyl acetylene	74-99-7	1000	1640		
418	Methyl acetylene-propadiene mixture (MAPP)		1000	1640		
419	Methyl acrylate	96-33-3	2	7		
420	Methylacrylonitrile- (skin)	126-98-7	1	2.7		
421	Methylal	109-87-5	1000	3110		
422	Methyl alcohol, see Methanol					
423	Methylamine	74-89-5	5	6.4		
424	Methyl amyl alcohol, see Methyl isobutyl carbinol					
425	Methyl n-amyl ketone	110-43-0	50	233		
426	N-Methyl aniline- (skin)	100-61-8	0.5	2.2		
427	Methyl bromide- (skin)	74-83-9	1	3.8		
428	Methyl-tert-butyl ether	1634-04-4	40	144		
429	Methyl n-butyl ketone- (skin)	591-78-6	5	20		
430	Methyl chloride- (skin)	74-87-3	50	103		
431	Methyl chloroform	71-55-6	350	1910		
432	Methyl 2-cyanoacrylate	137-05-3	0.2	4.55		
433	Methylcyclohexane	108-87-2	400	1610		
434	Methylcyclohexanol	25639-42-3	50	234		
435	o-Methylcyclohexanone- (skin)	583-60-8	50	229		
436	2-Methylcyclopentadienyl manganese tricarbonyl, as Mn- (skin)	12108-13-3		0.2		
437	Methyl demeton- (skin)	8022-00-2		0.5		
438	Methylene bisphenyl isocyanate (MDI)	101-68-8	0.005	0.051		
439	Methylene chloride, see Dichloromethane					
440	4,4-Methylene bis (2-chloroaniline)[MOCA;MBOCA]- (skin)	101-14-4	0.01	0.11		
441	Methylene bis(4-cyclo-hexylisocyanate)	5124-30-1	0.005	0.054		
442	4,4-Methylene dianiline- (skin)	101-77-9	0.1	0.81		
443	Methyl ether ketone (MEK)	79-93-3	200	590		
444	Methyl ethyl ketone peroxide	1338-23-4			0.2	1.5
445	Methyl formate	107-31-3	100	246		
446	5-Methyl-3-heptanone, see Ethyl amyl ketone Methyl hydrazine- (skin)	60-34-4	0.01	0.019		
447	Methyl iodide- (skin)	74-88-4	2	12		
448	Methyl isoamyl ketone	110-12-3	50	234		
449	Methyl isobutyl carbinol- (skin)	108-11-2	25	104		
450	Methyl isobutyl ketone	108-10-1	50	205		

451	Methyl isocyanate - (skin)	624-83-9	0.02	0.047		
452	Methyl isopropyl ketone	563-80-4	200	705		
453	Methyl mercaptan	74-93-1	0.5	0.98		
454	Methyl methacrylate	80-62-6	100	410		
455	Methyl parathion - (skin)	298-00-0		0.2		
456	Methyl propyl ketone	107-87-9	200	705		
457	Methyl silicate	681-84-5	1	6		
458	α-Methyl styrene	98-83-9	50	242		
459	Methyl vinyl ketone- (skin)	78-94-4			0.2	
460	Metribuzin	20187-64-9		5		
461	Mevinphos- (skin)	7786-34-7	0.01	0.09		
462	Mica	12001-26-2		3	The value is for particulate matter containing no asbestose and <1% crystalline silica. Respirable fraction.	
463	Mineral wool fibre, see Synthetic Vitreous Fibres-Glass, Rock, or Slag wool fibres					
464	Molybdenum, as Mo	7439-98-7				
465	Soluble compounds			5		
466	Metal and insoluble compounds			10		
467	Monochlorobenzene, see Chlorobenzene					
468	Monocrotophos- (skin)	6923-22-4		0.25		
469	Morpholine- (skin)	110-91-8	20	71		
N						
470	Naled- (skin)	300-76-5		3		
471	Naphthalene	91-20-3	10	52		
472	β-Naphthylamine	91-59-8				
473	Nickel	7440-02-0				
474	Elemental/Metal			1.5	Inhalable fraction	
475	Insoluble compounds, as Ni			0.2	Inhalable fraction	
476	Soluble compounds, as Ni			0.1	Inhalable fraction	
477	Nickel carbonyl, as Ni	13463-39-3	0.05	0.12		
478	Nickel subsulfide, as Ni	12035-72-2		0.1	Inhalable fraction	
479	Nickel sulfide roasting, fume & dust, see Nickel subsulfide					
480	Nicotine- (skin)	54-11-5		0.5		
481	Nitrapyrin	1929-82-4		10		
482	Nitric acid	7697-37-2	2	5.2		
483	Nitric oxide	10102-43-9	25	31		
484	p-Nitroaniline- (skin)	100-01-6		3		
485	Nitrobenzene- (skin)	98-95-3	1	5		

486	p-Nitrochlorobenzene- (skin)	100-00-5	0.1	0.64		
487	4-Nitrodiphenyl- (skin)	92-93-3				
488	Nitroethane	79-24-3	100	307		
489	Nitrogen dioxide	10102-44-0	3	5.6		
490	Nitrogen trifluoride	7783-54-2	10	29		
491	Nitroglycerin (NG)- (skin)	55-63-0	0.05	0.46		
492	Nitromethane	75-52-5	20	50		
493	1-Nitropropane	108-03-2	25	91		
494	2-Nitropropane	79-46-9	10	36		
495	N-Nitrosodimethylamine- (skin)	62-75-9				
496	Nitrotoluene- (skin)	8-72-2; 99-08-1; 99-99-	2	11		
497	Nitrotrichloromethane, see Chloropicrin					
498	Nitrous oxide	10024-97-2	50	90		
499	Nonane all isomers	111-84-2	200	1050		
500	Nuisance particulates, see Particulates Not Otherwise Classified (PNOC)					
O						
501	Octachloronaphthalene- (skin)	2234-13-1		0.1		
502	Octane (all isomers)	111-65-9	300	1400		
503	Oil mist, mineral			5		
504	Osmium tetroxide, as Os	20816-12-0	0.0002	0.0016		
505	Oxalic acid	144-62-7		1		
506	Oxygen difluoride	7783-41-7			0.05	0.11
507	Ozone	10028-15-6				
	Heavy work		0.05			
	Moderate work		0.08			
	Light work		0.1			
	Heavy moderate, or light workloads (≤ 2 hours)		0.2			
P						
508	Paraffin wax fume	8002-74-2		2		
509	Paraquat	4685-14-7				
	Total particulate			0.5		
	respirable fraction			0.1		
510	Parathion- (skin)	56-38-2		0.1		
511	Particulate polycyclic aromatic hydrocarbons (PPAH), see Coal tar pitch volatiles Particulates Not Otherwise Classified (PNOC)					

	Inhalable particulate			10	The value is for particulate matter containing no asbestose and <1% crystalline silica. Respirable fraction.	
	Respirable particulate			3	The value is for particulate matter containing no asbestose and <1% crystalline silica. Respirable fraction.	
512	Pentaborane	19624-22-7	0.005	0.013		
513	Pentachloronaphthalene- (skin)	1321-64-8		0.5		
514	Pentachloronitrobenzene	82-68-8		0.5		
515	Pentachlorophenol- (skin)	87-86-5		0.5		
516	Pentaerythritol	115-77-5		10		
517	Pentane (all isomers)		600	1770		
518	2-Pentanone, see Methyl propyl ketone					
519	Perchloroethylene (Tetrachloroethylene)	127-18-4	25	170		
520	Perchloromethyl mercaptan	594-42-3	0.1	0.76		
521	Perchloryl fluoride	7616-94-6	3	13		
522	Perfluoroisobutylene	382-21-8			0.01	0.082
523	Percipitated silica, see Silica Amorphous					
524	Perlite	93763-70-3		10	The value is for particulate matter containing no asbestose and <1% crystalline silica	
525	Persulfates					
	-Ammonium	7727-54-0		0.1		
	-Potassium	7727-21-1		0.1		
	-Sodium	7775-27-1		0.1		
526	Petroleum distillates, see Gasoline, Stoddard solvent; VM&P naphtha Phenacyl chloride, see ∞ Chloroacetophenone					
527	Phenol - (skin)	108-95-2	5	19		
528	Phenothiazine- (skin)	92-84-2		5		
529	N-Phenyl-beta-naphthylamine	135-88-6				
530	o-Phenylenediamine	94-54-5		0.1		
531	m-Phenylenediamine	108-45-2		0.1		
532	p-Phenylenediamine	106-50-3		0.1		
533	Phenyl ether, vapour	101-84-8	1	7		
534	Phenylethylene, see Styrene, monomer					
535	Phenyl glycidyl ether (PGE)- (skin)	122-60-1	0.1	0.6		
536	Phenylhydrazine	100-63-0	0.1			
537	Phenyl mercaptan	108-98-5	0.5	2.3		
538	Phenylphosphine	638-21-1			0.05	0.23

539	Phorate- (skin)	298-02-2		0.05		
540	Phosdrin, see Mevinphos					
541	Phosgene	75-44-5	0.1	0.4		
542	Phosphine	7803-51-2	0.3	0.42		
543	Phosphoric acid	7664-38-2		1		
544	Phosphorus (yellow)	7723-14-0	0.02	0.1		
545	Phosphorus oxychloride	10025-87-3	0.1	0.63		
546	Phosphorus pentachloride	10026-13-8	0.1	0.85		
547	Phosphorus pentasulfide	1314-80		1		
548	Phosphorus trichloride	12/2/7719	0.2	1.1		
549	Phthalic anhydride	85-44-9	1	6.1		
550	m-Phthslodinitrile	626-17-5		5		
551	Picloram	1918-02-1		10		
552	Picric acid	88-89-1		0.1		
553	Pindone	83-26-1		0.1		
554	Piperazine dihydrochloride	142-64-3		5		
555	2-Pivalyl-1, 3-indandione, see Pindone					
556	Plaster of Paris, see Calcium sulfate					
557	Platinum	7440-06-4				
	Metal and insoluble compounds			1		
	Soluble salts, as Pt			0.002		
558	Polychlorobiphenyls, see Chlorodiphenyls					
559	Polytetrafluoroethylene decomposition products					
560	Portland cement	65997-15-1		10	The value is for particulate matter containing no asbestos and <1% crystalline silica	
561	Potassium hydroxide	1310-58-3				2
562	Propane	74-98-6	2500			
563	Propane sultone	1120-71-4				
564	Propargyl alcohol- (skin)	107-19-7	1	2.3		
565	β-Propiolactone	57-57-8	0.5	1.5		
566	Propionic acid	79-09-4	10	30		
567	Propoxur	114-26-1		0.5		
568	n-Propyl acetate	109-60-4	200	835		
569	n-Propyl alcohol- (skin)	71-23-8	200	492		
570	Propylene dichloride	78-87-5	75	347		
571	Propylene glycol dinitrate- (skin)	6423-43-4	0.05	0.34		
572	Propylene glycol monomethyl ether	107-98-2	100	369		
573	Propylene imine- (skin)	75-55-8	2	4.7		

574	Propylene oxide	75-56-9	20	48		
575	n-Propyl nitrate	627-13-4	25	107		
576	Propyne, see Methyl acetylene					
577	Pyrethrum	8003-34-7		5		
578	Pyridine	110-86-1	5	16		
579	Pyrocatechol, see Catechol					
Q						
580	Quartz, see Silica-Crystalline					
581	Quinone	106-51-4	0.1	0.44		
R						
582	Resorcinol	108-46-3	10	45		
583	Rhodium	7440-16-6				
	Metal			1		
	Insoluble compounds, as Rh			1		
	Soluble compounds, as Rh			0.01		
584	Ronnel	299-84-3		10		
585	Rosin core solder thermal decomposition products, as resin acids-colophony	8050-09-7				Sensitizer; reduce exposure to as low as possible
586	Rotenone (commercial)	83-79-4		5		
587	Rubber Fume			0.75		
588	(Limits relate to cyclohexane soluble material)					
589	Rubber Process Dust			8		
590	Rubber solvent (Naphtha)	8030-30-6	400	1590		
S						
591	Selenium and compounds, as Se	7782-49-2		0.2		
592	Selenium hexafluoride, as Se	7783-79-1	0.05	0.16		
593	Sesone	136-78-7		10		
594	Silane, see Silicon tetrahydride					
595	Silica Amorphous					
	Diatomaceous earth (uncalcined)	61790-53-2				
	Inhalable particulate			10		The value is for particulate matter containing no asbestose and <1% crystalline silica. Respirable fraction.
	Respirable particulate			3		The value is for particulate matter containing no asbestose and <1% crystalline silica. Respirable fraction.
	Percipitated silica	112926-00-8		10		
596	Silica, fume	69012-64-2		2		Respirable fraction
597	Silica, fused	60676-86-0		0.1		Respirable fraction
598	Silica gel	112926-00-8		10		

599	Silica-Crystalline					
600	Cristobalite	14464-46-1		0.05		Respirable fraction
	Quartz	14808-60-7		0.1		Respirable fraction
	Tridymite	15468-32-3		0.05		Respirable fraction
	Tripoli	1317-95-9		0.1		of contained respirable quartz. Respirable fraction
601	Silicon	7440-21-3		10		
602	Silicon carbide	409-21-2		10		The value is for particulate matter containing no asbestose and <1% crystalline silica
603	Silicon tetrahydride	7803-62-5	5	6.6		
604	Silver	7440-22-4				
	Metal			0.1		
	Soluble compounds, as Ag			0.01		
	Soapstone					
	Inhalable dust			6		The value is for particulate matter containing no asbestose and <1% crystalline silica
	Respirable dust			3		The value is for particulate matter containing no asbestose and <1% crystalline silica. Respirable fraction.
605	Sodium azide	26628-22-8				
	as Sodium azide					0.29
	as Hydrazoic acid vapour				0.11	
606	Sodium bisulfite	7631-90-5		5		
607	Sodium 2,4-dichloro-phenoxyethyl sulfate, see Sesone					
608	Sodium fluoroacetate- (skin)	62-74-8		0.05		
609	Sodium hydroxide	1310-73-2				2
610	Sodium metabisulfite	7681-57-4		5		
611	Starch	9005-25-8		10		
612	Stearates			10		
613	Stibine	7803-52-3	0.1	0.51		
614	Stoddard solvent	8052-41-3	100	525		
615	Strontium chromate, as Cr	7789-06-2		0.0005		
616	Strychnine	57-24-9		0.15		
617	Styrene, monomer- (skin)	100-42-5	20	85.2		
618	Subtilisins (Proteolytic enzyme as 100% pure crystalline enzyme)	1395-21-7; 9014-01-1				0.00006
619	Sucrose	57-50-1		10		
620	Sulfometuron methyl	74222-97-2		5		
621	Sulfotep- (skin)	3689-24-5		0.2		

622	Sulfur dioxide	7446-09-5	2	5.2		
623	Sulfur hexafluoride	2551-62-4	1000	5970		
624	Sulfuric acid	7664-93-9		1		
625	Sulfur monochloride	10025-67-9			1	5.5
626	Sulfur pentafluoride	5714-22-7			0.01	0.1
627	Sulfur tetrafluoride	7783-60-0			0.1	0.44
628	Sulfuryl fluoride	2699-79-8	5	21		
629	Sulprofos	35400-43-2		1		
630	Synthetic Vitreous Fibres					
	Continuous filament glass fibres			1f/ml	Fibres longer than 5mm and with an aspect ratio equal to or greater than 3:1 as determined by the membrane filter method at 400-500X magnification (4mm objective) phase contrast illumination	
	Glass wool fibres			1f/ml	Fibres longer than 5mm and with an aspect ratio equal to or greater than 3:1 as determined by the membrane filter method at 400-500X magnification (4mm objective) phase contrast illumination	
	Rock wool fibres			1f/ml	Fibres longer than 5mm and with an aspect ratio equal to or greater than 3:1 as determined by the membrane filter method at 400-500X magnification (4mm objective) phase contrast illumination	
	Slag wool fibres			1f/ml	Fibres longer than 5mm and with an aspect ratio equal to or greater than 3:1 as determined by the membrane filter method at 400-500X magnification (4mm objective) phase contrast illumination	
	Special purpose glass fibres			1f/ml	Fibres longer than 5mm and with an aspect ratio equal to or greater than 3:1 as determined by the membrane filter method at 400-500X magnification (4mm objective) phase contrast illumination	
	Continuous glass fibre			5	Inhalable fraction	
631	Systox, see Demeton					
T						
632	2,4, 5-T	93-76-5		10		
633	Talc (containing no asbestos fibres)	14807-96-6		2	The value is for the respirable fraction of particulate matter for the substance listed	
634	Talc (containing asbestos fibres), see Asbestos					
635	Tantalum, metal and oxide	7440-25-7				
	dust, as Ta	1314-61-0		5		

636	TEDP, see Sulfotep					
637	Tellurium and compounds	13494-80-9		0.1		
	except hydrogen telluride, as Te					
638	Tellurium hexafluoride	7783-80-4	0.02	0.1		
639	Temephos	3383-96-8		10		
640	Terephthalic acid	100-21-0		10		
641	TEPP- (skin)	107-49-3	0.004	0.05		
642	Terphenyls	26140-60-3			0.5	5
643	1,1,1,2-Tetrachloro-2-2-difluoroethane	76-11-9	500	4170		
644	1,1,2,2-Tetrachloro-2-2-difluoroethane	76-12-0	500	4170		
645	1,1,2,2-Tetrachloroethane- (skin)	79-34-5	1	6.9		
646	Tetrachloroethylene, see Perchloroethylene					
647	Tetrachloromethane, see Carbon tetrachloride					
648	Tetrachloronaphthalene	1335-88-2		2		
649	Tetraethyl lead, see Pb- (skin)	78-00-2		0.1		
650	Tetrahydrofuran	109-99-9	200	590		
651	Tetramethyl lead, as Pb- (skin)	75-74-1		0.15		
652	Tetramethyl succinonitrile- (skin)	3333-52-6	0.5	2.8		
653	Tetranitromethane	509-14-8	0.005	0.04		
654	Tetrasodium pyrophosphate	7722-88-5				
	Anhydride			5		
	Decahydrate			5		
655	Tetryl	479-45-8		1.5		
656	Thalium, elemental and soluble compounds, as Tl- (skin)					
657	4,4-Thiobis (6-tert-butyl-m-cresol)	96-69-5		10		
658	Thioglycolic acid - (skin)	68-11-1	1	3.8		
659	Thionyl chloride	7719-09-7			1	4.9
660	Thiram	137-26-8		1		
661	Tin	7440-31-5				
	Metal			2		
	Oxide & inorganic compounds, except Tin hydride, as Sn			2		
	Organic compounds, as Sn- (skin)			0.1		
662	Titanium dioxide	13463-67-7		10		
663	o-Tolidine- (skin)	119-93-7				
664	Toluene- (skin)	108-88-3	50	188		
665	Toluene-2,4-diisocyanate (TDI)	584-84-9	0.005	0.036		
666	o-Toluidine- (skin)	95-53-4	2	8.8		

667	m-Toluidine- (skin)	108-44-1	2	8.8		
668	p-Toluidine- (skin)	106-49-0	2	8.8		
669	Toluol, see Toluene					
670	Toxaphene, see Chlorinated camphenr					
671	Tributyl phosphate	126-73-8	0.2	2.2		
672	Trichloroacetic acid	76-03-9	1	6.7		
673	1,2,4-Trichloro benzene	120-82-1			5	37
674	1,1,1-Trichloroethane, see Methyl chloroform					
675	1,1,2-Trichloroethane- (skin)	79-00-5	10	55		
676	Trichloroethylene	79-01-6	50	269		
677	Trichlorofluoromethane	75-69-4			1000	5620
678	Trichloromethane, see Chloroform					
679	Trichloronapthalene- (skin)	1321-65-9		5		
680	Trichloronitromethane, see Chloropicrin					
681	1,2,3-Trichloropropane-(skin)	96-18-4	10	60		
682	1,1, 2-Trichloro-1,2,2-trifluoroethane	76-13-1	1000	7670		
683	Tricyclohexyltin hydroxide, see Cyhexatin					
684	Tridymite, see Silica-Crystalline					
685	Triethanolamine	102-71-6		5		
686	Triethylamine- (skin)	121-44-8	1	4.1		
687	Trifluobromomethane	75-63-8	1000	6090		
688	1,3,5-Triglycidyl-s-triazinetrione	2451-62-9		0.05		
689	Trimellitic anhydride	552-30-7				0.04
690	Trimethylamine	75-50-3	5	12		
691	Trimethyl benzene (mixed isomers)	25551-13-7	25	123		
692	Trimethyl phosphite	121-45-9	2	10		
693	2,4,6-Trinitrophenol, see Picric acid					
694	2,4,6-Trinitrophenylmethylnitramine, see Tetryl					
695	2,4,6-Trinitrotoluene (TNT)- (skin)	118-96-7		0.1		
696	Triorthocresyl phosphate- (skin)	78-30-8		0.1		
697	Triphenyl amine	603-34-9		5		
698	Triphenyl phosphate	115-86-6		3		
699	Tripoli, see Silica-Crystalline					
700	Tungsten, as W	7440-33-7				
	Metal and insoluble compounds			5		
	Soluble compounds			1		
701	Turpentine	8006-64-2	100	556		

702	n-Valeraldehyde	110-62-3	50	176		
703	Vanadium pentoxide as V ₂ O ₅ , respirable dust or fume	1314-62-1	-	0.05		
704	Vegetable oil mist		-	10		
705	Vinyl acetate	108-05-4	10	35		
706	Vinyl benzene, see Styrene					
707	Vinyl bromide	593-60-2	0.5	22		
708	Vinyl chloride	75-01-4	1	2.6		
709	Vinyl cyanide, see Acrylonitrile					
710	4-Vinyl cyclohexene	100-40-3	0.1	0.4		
711	Vinyl cyclohexene dioxide-(skin)					
712	Vinyl fluoride	75-02-5	1	-		
713	Vinylidene chloride	75-35-4	5	20		
714	Vinylidene fluoride	75-38-7	500	-		
715	Vinyl toluene	25013-15-4	50	242		
716	VM & P Naphtha	8032-32-4	300	1370		
W						
717	Warfarin	81-81-2	-	0.1		
718	Welding fumes (NOC)		-	5		
719	Wood dust					
	-(hard woods)		-	1		
	-Soft wood		-	5		
X						
720	Xylene (o-,m-,p-isomers)	1130-20-7; 95-47-6; 108-38-3; 106-42-3	100	434		
721	m-Xylene α,α'-diamine-(skin)	1477-50-0			-	0.1
722	Xylidine(mixed isomers)-(skin)	1300-73-8	0.5	2.5		
Y						
723	Yttrium metal & compounds, as Y	7440-65-5	-	1		
Z						
724	Zinc chloride fume	7646-85-7	-	1		
725	Zinc chromates, as Cr	13530-65-9; 11103-86-9; 37300-23-5)	-	0.01		
726	Zinc oxide	1314-13-2				
	-Fume		-	5		
	-Dust		-	10		
727	Zirconium and compounds, as Zr	7440-67-7	-	5		

B LIST OF GENERAL ITEM THAT CONTAIN CHEMICALS

BIL.	NAME	INGREDIENT
1	All types of Paint	The chemicals contain the followings: Hydrotreated heavy naphtha; Aluminum hydroxide; Zirconium oxide and others refer to the Safety Data Sheet (SDS).
2	All types of printer cartridges / Printing ink	The chemicals contain the followings: azonaphthalenesulfonate salt ; Styrene Acrylate Copolymer ; Iron Oxide ; Chromate(1-), bis[3,5-bis(1,1-dimethylethyl)-2-(hydroxykappa.O) benzoato(2)-.kappa.O]-, hydrogen, (T-4)- and others refer to the Safety Data Sheet (SDS).
3	All types of Plaster lime	The chemicals contain the followings: Calcium sulfate ; Calcium Carbonate ; Lime stone ; Cellulose Thinckener and others refer to the Safety Data Sheet (SDS).
4	All types of gases or gas mixtures	The chemicals content depend on type of gases, refer to the Safety Data Sheet (SDS).
5	Diesel	The chemicals contain the followings: 75% saturated hydrocarbon; 25% aromatic hydrocarbon; 2% Sulphur and others refer to the Safety Data Sheet (SDS).
6	Petrol	The chemicals contain the followings: Gasoline; Methyl tert-butyl ether; Toluene; Xylene; Hexane; Ethylbenzene; Benzene; Naphthalene and others refer to the Safety Data Sheet (SDS).
7	All kinds of fertilizers and pesticides	The chemicals content: depend on type, refer to the Safety Data Sheet (SDS).
8	Cement	The chemicals contain the followings: Sodium Bicarbonate; Formaldehyde; Methyl Alcohol and others refer to the Safety Data Sheet (SDS).

C RAW MATERIAL PROCESS / PROCESSING

	Proses / Pemrosesan	Chemicals form
1	Melting	Chemicals are produced in fumes and vapors

2	Heating	Chemicals are produced in fumes and vapors
3	Grinding	Material produced in the form of dust, fine dust and fiber

D EXCEPTION ITEM

	Type	Meaning
1	All Substances defined as radioactive substances	Unstable substances tend to decay to become more stable elements by emitting dangerous and invisible radioactive radiation. (Atomic Energy Licensing Act of 1984 [Act 304])
2	All food items	Edible material.
3	All Pharmaceutical Ingredients	Materials for medicinal use