

QUANTITIES OF FLAMMABLE MATERIAL NOT REQUIRING STORAGE LICENCE

Second Schedule (New)			
S/N	Flammable Materials	General manufacturing, etc., purpose	Medical or laboratory purpose
1	Acetal	20 L	20 L
2	Acetaldehyde diethylacetal	20 L	20 L
3	Acetoin (3-Hydroxybutanone)	20 L	20 L
4	Acetone	20 L	20 L
5	Acetyl chloride	20 L	20 L
6	Acetyl methyl carbinol (Butanolone)	20 L	20 L
7	Acetylene (gas)	10 kg	10 kg
8	Acetylpropionyle	20 L	20 L
9	Acryloyl chloride	20 L	20 L
10	The following aldehydes:		
a	Acetaldehyde	20 L	20 L
b	Acrolein	20 L	20 L
c	Butyraldehyde	20 L	20 L
d	2-Ethylbutyraldehyde	20 L	20 L
e	Glycidaldehyde	20 L	20 L
f	Isobutyraldehyde	20 L	20 L
g	Methacrylaldehyde, stabilised	20 L	20 L
h	Alpha-methylvaleraldehyde	20 L	20 L
i	Propionaldehyde	20 L	20 L
j	Valeraldehyde	20 L	20 L
11	Allyl acetate	20 L	20 L
12	Allyl bromide	20 L	20 L
13	Allyl chloride	20 L	20 L
14	Allyl formate	20 L	20 L
15	Allyl iodide	20 L	20 L
16	Allyl methacrylate	20 L	20 L
17	Aluminium	0	10 kg
18	Aluminium ferrosilicon powder	0	5 kg
19	Aluminium hydride	0	5 kg
20	The following amines:		
a	Aminopropyldimethylamine	20 L	20 L
b	Amylamines	20 L	20 L
c	n-Butylamine	20 L	20 L
d	Diallylamine	20 L	20 L
e	Diethylamine	20 L	20 L
f	Diisopropylamine	20 L	20 L
g	Dimethyl-N-propylamine	20 L	20 L
h	Dimethylamine (gas)	20 kg	20 kg
i	Dimethylamine (liquid)	20 L	20 L
j	1,3-Dimethylbutylamine	20 L	20 L
k	Dipropylamine	20 L	20 L
l	Ethylamine (gas)	20 kg	20 kg
m	Ethylamine (liquid)	20 L	20 L
n	Isobutylamine	20 L	20 L

o	Isopropylamine	20 L	20 L
p	Methylamine (gas)	20 kg	20 kg
q	Methylamine (liquid)	20 L	20 L
r	N-Methylbutylamine	20 L	20 L
s	Propylamine	20 L	20 L
t	Triethylamine	20 L	20 L
u	Trimethylamine (gas)	20 kg	20 kg
v	Trimethylamine (liquid)	20 L	20 L
21	Amyl acetate	20 L	20 L
22	Amyl butyrate	20 L	20 L
23	Amyl chlorides	20 L	20 L
24	Amyl mercaptan	20 L	20 L
25	Amyl nitrites	20 L	20 L
26	Azobis (dimethylvaleronitrile)	3 kg	3 kg
27	Azobis (methylpropionitrile), Azobis-	3 kg	3 kg
28	Azodi (methylbutyronitrile)	3 kg	3 kg
29	Barium	0	5 kg
30	Benzotrifluoride	20 L	20 L
31	Bis-cyclopentadienyl iron (Ferrocene)	0	5 kg
32	1-Bromobutane	20 L	20 L
33	Bromomethylpropane	20 L	20 L
34	2-Bromopentane	20 L	20 L
35	Bromopropanes	20 L	20 L
36	3-Bromopropyne	20 L	20 L
37	Butanedione	20 L	20 L
38	Butanol (Butyl alcohol)	20 L	20 L
39	Butyl acetate	20 L	20 L
40	n-Butyl formate	20 L	20 L
41	Butyl acrylate	20 L	20 L
42	Tert-butylamine	20 L	20 L
43	Butyl butyrate	20 L	20 L
44	Butyl isobutyrate	20 L	20 L
45	Butyl isovalerate (Butyl 3-Methylbutanoate)	20 L	20 L
46	Butyl nitrites	20 L	20 L
47	1,2-Butylene oxide	20 L	20 L
48	Butyryl chloride	20 L	20 L
49	Calcium	0	5 kg
50	Calcium carbide	2 kg	2 kg
51	Calcium hydride	0	5 kg
52	Calcium silicide	0	5 kg
53	Carbon disulfide	0	10 L
54	Carbonyl iron powder	20 kg	20 kg
55	Chlorobutane	20 L	20 L
56	Chloroprene	20 L	20 L
57	2-Chloropropane	20 L	20 L
58	2-Chloropropene	20 L	20 L
59	The following Chlorosilanes:		
a	Dichlorosilane (gas)	20 kg	20 kg
b	Dichlorosilane (liquid)	20 L	20 L
c	Dimethyldichlorosilane	20 L	20 L
d	Ethyltrichlorosilane	20 L	20 L

e	Methyltrichlorosilane	20 L	20 L
f	Trichlorosilane	20 kg	20 kg
g	Trichlorosilane (liquid)	20 L	20 L
h	Trimethylchlorosilane	20 L	20 L
i	Vinyltrichlorosilane, stabilised	20 L	20 L
60	Crestyl methyl ether para (1-methoxy-4-	20 L	20 L
61	Cyclohexanone	20 L	20 L
62	Cyclohexyl acetate	20 L	20 L
63	Cyclopentanone	20 L	20 L
64	1,2-Di-(dimethylamino)ethane	20 L	20 L
65	Diacetone alcohol	20 L	20 L
66	Dibutylsulfure	20 L	20 L
67	1,1-Dichloroethane	20 L	20 L
68	1,2-Dichloroethylene	20 L	20 L
69	1,2-Dichloropropane	20 L	20 L
70	Dichloropropene	20 L	20 L
71	Dicyclohexylammonium nitrite	0	5 kg
72	Diethoxymethane	20 L	20 L
73	3,3-Diethoxypropene	20 L	20 L
74	Diethyl carbonate	20 L	20 L
75	Diethyl ketone	20 L	20 L
76	Diethylhydroxylamine	20 L	20 L
77	Diethynyltertramethyldisiloxane (1,3-	20 L	20 L
78	2,3-Dihydropyran	20 L	20 L
79	Diisobutyl ketone	20 L	20 L
80	1,2-Dimethoxyethane	20 L	20 L
81	1,1-Dimethoxyethane	20 L	20 L
82	Dimethyl carbonate	20 L	20 L
83	Dimethyl disulfide	20 L	20 L
84	Dimethyl ether (gas)	20 kg	20 kg
85	Dimethyl hexynol	20 L	20 L
86	Dimethyl sulfide	20 L	20 L
87	Dimethyl trisulfide	20 L	20 L
88	2,3-Dimethylbutane	20 L	20 L
89	Dimethylcyclohexane	20 L	20 L
90	Dimethyldiethoxysilane	20 L	20 L
91	Dimethyldioxane	20 L	20 L
92	Dimethylformamide	20 L	20 L
93	2,3-Dimethylpyrazine	20 L	20 L
94	Dioxane	20 L	20 L
95	Dioxolane	20 L	20 L
96	Esters	20 L	20 L
97	Ethanol	20 L	20 L
98	The following Ethers:		
a	Allyl ethyl ether	2.5 L	2.5 L
b	2-Bromoethyl ethyl ether	2.5 L	2.5 L
c	Butyl methyl ether	2.5 L	2.5 L
d	Butyl vinyl ether, stabilised	2.5 L	2.5 L
e	Chloromethyl ethyl ether	2.5 L	2.5 L
f	Diallylether	2.5 L	2.5 L
g	Diethyl ether	2.5 L	2.5 L

h	Diisopropyl ether	2.5 L	2.5 L
i	Di-n-propyl ether	2.5 L	2.5 L
j	Divinyl ether, stabilised	2.5 L	2.5 L
k	Ethyl butyl ether	2.5 L	2.5 L
l	Ethyl methyl ether (gas)	2.5 kg	2.5 kg
m	Ethyl propyl ether	2.5 L	2.5 L
n	Methyl tert-butyl ether	2.5 L	2.5 L
o	Methyl propyl ether	2.5 L	2.5 L
p	Perfluoro (ethyl vinyl ether) (gas)	2.5 kg	2.5 kg
q	Perfluoro (methyl vinyl ether) (gas)	2.5 kg	2.5 kg
r	Vinyl ethyl ether, stabilised	2.5 L	2.5 L
s	Vinyl isobutyl ether, stabilized	2.5 L	2.5 L
t	Vinyl methyl ether, stabilised (gas)	2.5 kg	2.5 kg
99	Ethoxy propanol	20 L	20 L
100	Ethyl 2-Methyl-3-Pentenoate	20 L	20 L
101	Ethyl 3-ethoxypropionate	20 L	20 L
102	Ethyl acetate	20 L	20 L
103	Ethyl acrylate	20 L	20 L
104	Ethyl borate	20 L	20 L
105	Ethyl butyrate	20 L	20 L
106	Ethyl caproate (Ethyl hexanoate)	20 L	20 L
107	Ethyl crotonate	20 L	20 L
108	Ethyl formate	20 L	20 L
109	Ethyl isobutyrate	20 L	20 L
110	Ethyl isocyanate	20 L	20 L
111	Ethyl isovalerate	20 L	20 L
112	Ethyl lactate	20 L	20 L
113	Ethyl methacrylate	20 L	20 L
114	Ethyl methyl butanoate	20 L	20 L
115	Ethyl methyl butyrate	20 L	20 L
116	Ethyl nitrite	20 L	20 L
117	Ethyl propionate	20 L	20 L
118	Ethyl silicate	20 L	20 L
119	Ethylbenzene	20 L	20 L
120	Ethylene glycol diethyl ether	20 L	20 L
121	Ethylene glycol dimethyl ether	20 L	20 L
122	Ethylene glycol monoethyl ether acetate	20 L	20 L
123	Ethyloxypropanoic acid, ethyl ester	20 L	20 L
124	1-Ethylpiperidine	20 L	20 L
125	Eucalyptol (1,8-Cineol)	20 L	20 L
126	Fluorobenzene	20 L	20 L
127	Fluorotoluene	20 L	20 L
128	Furan	20 L	20 L
129	Heptaldehyde (Aldehyde C7)	20 L	20 L
130	Heptanone	20 L	20 L
131	Hexadiene	20 L	20 L
132	Hexamethyldisiloxane	20 L	20 L
133	Hexamethyleneimine	20 L	20 L
134	Hexenal Bionat K	20 L	20 L
135	Hexenone (4-Hexene-3-one)	20 L	20 L
136	Hexenyl formate	20 L	20 L

137	Hexyl acetate	20 L	20 L
138	2-Iodobutane	20 L	20 L
139	Iodomethylpropane	20 L	20 L
140	Isoamyl acetate	20 L	20 L
141	Isoamyl alcohol	20 L	20 L
142	Isoamyl butyrate	20 L	20 L
143	Isoamyl propionate	20 L	20 L
144	Isobutyl acetate	20 L	20 L
145	Isobutyl formate	20 L	20 L
146	Isobutyl isobutyrate	20 L	20 L
147	Isobutyl isocyanate	20 L	20 L
148	Isobutyl isovalerate	20 L	20 L
149	Isobutyryl chloride	20 L	20 L
150	Isopentyl formate	20 L	20 L
151	Isopentyl acetate	20 L	20 L
152	Isoprene	20 L	20 L
153	Isopropanol (Isopropyl alcohol)	20 L	20 L
154	Isopropenoxytrimethyl silane	20 L	20 L
155	Isopropenyl acetate	20 L	20 L
156	Isopropyl acetate	20 L	20 L
157	Isopropyl isobutyrate	20 L	20 L
158	Isopropyl isocyanate	20 L	20 L
159	Isopropyl nitrate	20 L	20 L
160	Isopropyl propionate	20 L	20 L
161	Lithium aluminum hydride	0	5 kg
162	Lithium borohydride	0	5 kg
163	Lithium ferrosilicon	0	5 kg
164	Lithium hydride	0	5 kg
165	Lutidine	20 L	20 L
166	Magnesium	5 kg	10 kg
167	Mercaptobutanone	20 L	20 L
168	Methanol	20 L	20 L
169	Methoxy acetoxypropane	20 L	20 L
170	Methoxy methylethyl acetate	20 L	20 L
171	Methoxy propanol acetate (1-methoxy-2-	20 L	20 L
172	Methoxy propyl acetate	20 L	20 L
173	Methoxybutanol	20 L	20 L
174	Methoxymethyl isocyanate	20 L	20 L
175	Methoxypropanol	20 L	20 L
176	Methyl acetate	20 L	20 L
177	Methyl acrylate	20 L	20 L
178	Methyl allyl chloride	20 L	20 L
179	Methyl amyl ketone	20 L	20 L
180	Methyl butanol	20 L	20 L
181	Methyl butane	20 L	20 L
182	Methyl butyraldehyde	20 L	20 L
183	Methyl butyrate	20 L	20 L
184	Methyl caproate (Methyl hexanoate)	20 L	20 L
185	Methyl Ethyl Ketone (MEK)	20 L	20 L
186	Methyl formate	20 L	20 L
187	Methyl heptenone	20 L	20 L

188	Methyl hexanone (Methyl isoamyl ketone)	20 L	20 L
189	Methyl isobutyl carbinol	20 L	20 L
190	Methyl isobutyl ketone (Methyl pentanone)	20 L	20 L
191	Methyl isopropenyl ketone	20 L	20 L
192	Methyl isovalerate	20 L	20 L
193	Methyl methacrylate monomer	20 L	20 L
194	Methyl methoxypropionate	20 L	20 L
195	Methyl methylbutyrate	20 L	20 L
196	Methyl propionate	20 L	20 L
197	Methyl propyl ketone	20 L	20 L
198	Methylal	20 L	20 L
199	3-Methylbutan-2-one	20 L	20 L
200	2-Methylfuran	20 L	20 L
201	n-methylmorpholine	20 L	20 L
202	Methylpentadiene	20 L	20 L
203	1-Methylpiperidine	20 L	20 L
204	Methyltetrahydrofuran	20 L	20 L
205	Methyltriethoxysilane	20 L	20 L
206	Methyltrimethoxysilane	20 L	20 L
207	The following Nitriles:		
a	Acetonitrile	20 L	20 L
b	Acrylonitrile, stabilised	20 L	20 L
c	Butyronitrile	20 L	20 L
d	2-Dimethylaminoacetonitrile	20 L	20 L
e	Isobutyronitrile	20 L	20 L
f	Methacrylonitrile, stabilised	20 L	20 L
g	Propionitrile	20 L	20 L
208	Nitroglycerin mixture, desensitised, liquid,	20 L	20 L
209	Nitroglycerin mixture, desensitised, solid,	10 kg	10 kg
210	Nitroglycerin solution in alcohol, more than	20 L	20 L
211	Nitroglycerin solution in alcohol, not more	20 L	20 L
212	Nitromethane	20 L	20 L
213	1-Nitropropane (Nitropropane)	20 L	20 L
214	Octamethyltrisiloxane	20 L	20 L
215	Octanal (Aldehyde C8)	20 L	20 L
216	Pentanol	20 L	20 L
217	Pentyl acetate	20 L	20 L
218	Phosphorus pentasulfide	0	5 kg
219	Phosphorus sesquisulfide	0	5 kg
220	Phosphorus	0	5 kg
221	Potassium	0	5 kg
222	Potassium borohydride	0	5 kg
223	Potassium sulfide	25 kg	25 kg
224	Prenyl acetate	20 L	20 L
225	Propanethiol	20 L	20 L
226	n-Propanol	20 L	20 L
227	Propionyl chloride	20 L	20 L
228	n-Propyl acetate	20 L	20 L
229	Propyl butyrate	20 L	20 L
230	Propyl chloride	20 L	20 L
231	Propyl formate	20 L	20 L

232	Propylene glycol monoethyl ether	20 L	20 L
233	Propylene glycol monomethyl ether	20 L	20 L
234	Propylene glycol monomethyl ether acetate	20 L	20 L
235	n-Propyl nitrate	20 L	20 L
236	Propylene oxide	20 L	20 L
237	Propyleneimine	20 L	20 L
238	Pyridine	20 L	20 L
239	Pyrrolidine	20 L	20 L
240	Sodium	0	5 kg
241	Sodium borohydride	0	5 kg
242	Sodium ethylate	20 L	20 L
243	Sodium hydrosulfide	50 kg	50 kg
244	Sodium sulfide	25 kg	25 kg
245	Strontium	0	5 kg
246	Terpineol	20 L	20 L
247	Tetraethyl orthosilicate	20 L	20 L
248	Tetraethylsilicate	20 L	20 L
249	Tetrahydrofuran	20 L	20 L
250	1,2,3,6-Tetrahydropyridine	20 L	20 L
251	Tetrahydrothiophene	20 L	20 L
252	Tetrakis (dimethylamino) hafnium	20 L	20 L
253	Tetrakis (dimethylamino) Titanium	20 kg	20 kg
254	Tetrakis (dimethylamino) Titanium (liquid)	20 L	20 L
255	Tetramethylsilane	20 L	20 L
256	Thioacetic acid	20 L	20 L
257	Thiophene	20 L	20 L
258	Tifluoromethyl propanol	20 L	20 L
259	Titanium hydride	0	5 kg
260	Trans-2 Hexenal	20 L	20 L
261	Triethylboron	20 L	20 L
262	Triethyl borate	20 L	20 L
263	Triethyl silane	20 L	20 L
264	Triisopropyl borate	20 L	20 L
265	Trimethyl gallium	20 kg	20 kg
266	Trimethyl gallium (liquid)	20 L	20 L
267	Trimethyl borate	20 L	20 L
268	Trimethyl silane (gas)	20 kg	20 kg
269	Tris(isopropylcyclopentadienyl) Lanthanum	20 L	20 L
270	Vinyl acetate	20 L	20 L
271	Vinyl butyrate	20 L	20 L
272	Vinylidene chloride	20 L	20 L
273	Vinyltrimethoxysilane	20 kg	20 kg
274	Zinc	10 kg	10 kg
275	Zirconium hydride	0	5 kg
276	Zirconium powder	0	5 kg

Last updated on 11 September 2020