



Xi'an Xunling Electronic Technology Co.,Ltd
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**Xunling Ductless Fume Hood Adsorption Capacity for Common Chemical Reagents
(More Reagents Are Continuously to be Tested)**

Serial Number	Molecular Formula	English Name	CAS No.	PEL- TWA	MAK-STEL	Fume Hood Rating	Adsorption Capacity (g)	Remark
1	C4H8O2	1, 4-Dioxane	123-91-1	100 ppm	40 ppm	A	1265	
2	C2H3Cl3	1,1,1-Trichloroethane	71-55-6	350 ppm	200 ppm	A	900	
3	C2H2Br4	1,1,2,2-Tetrabromoethane	79-27-6	1 ppm		A	3900	
4	C2H2Cl4	1,1,2,2-Tetrachloroethane	79-34-5	5 ppm	2 ppm	A	2590	
5	C2H2Cl4	1,1,2,2-Tetrachloroethane	79-34-5	5 ppm	2 ppm	A	2590	
6	C2H4Cl2	1,1-Dichloroethane	75-34-3	100 ppm	200 ppm	A	380	
7	C6H4Cl2	1,2-Dichlorobenzene	95-50-1		20 ppm	A	2550	
8	C6H12O2	1,2-Epoxy-3-isopropoxypropane	4016-14-2	50 ppm		A	1490	
9	C2H6O2	1,2-Ethanediol	107-21-1		20 ppm	A	930	
10	C5H6	1,3-Cyclopentadiene	542-92-7	75 ppm		A	700	
11	C4H9NH2	1-Aminobutane	109-73-9			A	380	
12	C4H10S	1-Butanethiol	109-79-5	10 ppm	1 ppm	A	130	
13	C4H10S	1-Butanethiol	109-79-5	10 ppm	1 ppm	A	130	
14	C4H10O	1-Butanol	71-36-3	100 ppm	100 ppm	A	1400	
15	C4H10S	1-Mercaptobutane	109-79-5	10 ppm	1 ppm	A	130	
16	C4H10S	1-Mercaptobutane	109-79-5	10 ppm	1 ppm	A	130	

17	C4H10S	1-Mercaptobutane	109-79-5	10 ppm	1 ppm	A	130	
18	C3H8O	1-Propanol	71-23-8	200 ppm		A	695	
19	C4H8OCl2	2, 2'-Dichlorodiethyl ether	111-44-4		10 ppm	A	410	
20	C9H18O	2,6-Dimethyl-4-heptanone	108-83-8	50 ppm		A	1215	
21	C5H6N2	2-Amino pyridine	504-29-0	0,5 ppm		A	1400	
22	C2H7NO	2-Aminoethanol	141-43-5	3 ppm	4 ppm	A	300	
23	C3H9N	2-Aminopropane	75-31-0	5 ppm	10 ppm	A	195	
24	C4H10O	2-Butanol	78-92-2	150 ppm		A	1160	
25	C4H8O	2-Butanone	78-93-3	200 ppm	200 ppm	A	820	
26	C4H6O	2-Butenal	4170-30-3	2 ppm		A	825	
27	C6H14O2	2-Butoxyethanol	111-76-2	50 ppm	80 ppm	A	1785	
28	C2H3OCl	2-Chloroacetaldehyde	107-20-0			A	620	
29	C2H3OCl	2-Chloroethanal	107-20-0			A	620	
30	C2H5OCl	2-Chloroethanol	107-07-3	5 ppm	1 ppm	A	1200	
31	C2H5OCl	2-Chloroethyl alcohol	107-07-3	5 ppm	1 ppm	A	1200	
Serial Number	Molecular Formula	English Name	CAS No.	PEL- TWA	MAK-STEL	Fume Hood Rating	Adsorption Capacity (g)	Remark
32	C5H6O2	2-Furylmethanol	98-00-0	50 ppm	10 ppm	A	1395	
33	C7H14O	2-Heptanone	110-43-0	100 ppm		A	1350	
34	C6H12O	2-Hexanone	591-78-6	100 ppm	40 ppm	A	1240	
35	C5H6O2	2-Hydroxymethylfuran	98-00-0	50 ppm		A	1395	
36	C4H10O	2-Methyl-1-propanol	78-83-1	100 ppm	100 ppm	A	1285	
37	C5H12	2-Methylbutane	78-78-4		2000 ppm	A	560	

38	C6H12O2	2-Methylpropyl acetate	110-19-0	150 ppm	200 ppm	A	1450	
39	C5H10O	2-Pentanone	107-87-9	200 ppm		A	1250	
40	C5H10O	2-Pentanone	107-87-9	200 ppm		A	1250	
41	C9H12	2-Phenyl propane	98-82-8	50 ppm	200 ppm	A	1480	
42	C3H8O	2-Propanol	67-63-0	400 ppm	400 ppm	A	625	
43	C3H6O	2-Propanone	67-64-1	1000 ppm	1000 ppm	A	300	
44	C3H6O	2-Propen-1-ol	107-18-6	2 ppm		A	565	
45	C3H4O	2-Propenal	107-02-8	0,1 ppm		A	200	
46	C3H4O2	2-Propenoic acid	79-10-7		20 ppm	A	1700	
47	C3H6O	2-Propenol	107-18-6	2 ppm		A	565	
48	C5H10O2	2-Propyl acetate	108-21-4	250 ppm	200 ppm	A	1310	
49	C3H9N	2-Propylamine	75-31-0	5 ppm	10 ppm	A	195	
50	C3H4O	2-Propyn-1-ol	107-19-7		4 ppm	A	625	
51	C3H4O	2-Propynyl alcohol	107-19-7		4 ppm	A	625	
52	C3H5Cl	3-Chloro-1-propene	107-05-1	1 ppm		A	385	
53	C5H10O	3-Pentanone	96-22-0			A	1255	
54	C6H12O	4-Methyl 2-pentanone	108-10-1	100 ppm	40 ppm	A	1310	
55	C6H12O	4-Methyl-2-pentanone	108-10-1	100 ppm	40 ppm	A	1310	
56	C11H16	4-tert-Butyl toluene	98-51-1	10 ppm		A	1300	
57	C2H6O2	5-Methyl-3-Heptanone	541-85-5	25 ppm	20 ppm	A	930	
58	C2H6O	Absolute alcohol	64-17-5	1000 ppm	1000 ppm	A	220	
59	C2H4O	Acetaldehyde	75-07-0	200 ppm	50 ppm	A	55	
60	C2H4O2	Acetic acid	64-19-7	10 ppm	20 ppm	A	1610	
61	C4H6O3	Acetic anhydride	108-24-7	5 ppm	5 ppm	A	1900	

62	C4H6O3	Acetic oxide	108-24-7	5 ppm	5 ppm	A	1900	
63	C3H6O	Acetone	67-64-1	1000 ppm	1000 ppm	A	300	
64	C2H3N	Acetonitrile	75-05-8	40 ppm	40 ppm	A	240	
Serial Number	Molecular Formula	English Name	CAS No.	PEL- TWA	MAK-STEL	Fume Hood Rating	Adsorption Capacity (g)	Remark
65	C3H4O2	Acroleic acid	79-10-7		20 ppm	A	1700	
66	C3H4O	Acrolein	107-02-8	0,1 ppm		A	200	
67	C3H4O2	Acrylic acid	79-10-7		20 ppm	A	1700	
68	C3H4O	Acrylic aldehyde	107-02-8	0,1 ppm		A	200	
69	C2H6O	Alcohol	64-17-5	1000 ppm	1000 ppm	A	220	
70	C3H6O	Allyl alcohol	107-18-6	2 ppm		A	565	
71	C3H6O	Allyl alcohol	107-18-6	2 ppm		A	565	
72	C3H4O	Allyl aldehyde	107-02-8	0,1 ppm		A	200	
73	C3H5Cl	Allyl chloride	107-05-1	1 ppm		A	385	
74	C3H4	Allylene	74-99-7	1000 ppm		A	20	
75	C6H5NH2	Amino-benzene	62-53-3	5 ppm		A	1620	
76	C6H11NH2	Aminocyclohexane	108-91-8		4 ppm	A	525	
77	C2H7N	Aminoethane	75-04-7	10 ppm	10 ppm	A	95	
78	CH5N	Aminomethane	74-89-5	10 ppm	10 ppm	A	30	
79	NH3	Ammonia	7664-41-7	50 ppm	40 ppm	A	320	
80	NH4OH	Ammonium hydroxyde sol	7664-41-7	50 ppm	40 ppm	A	320	
81	HBr	Anhydrous hydrogen bromide	10035-10-6	3 ppm	2 ppm	A	1626	
82	HBr	Anhydrous hydrogen bromide	10035-10-6	3 ppm	2 ppm	A	1626	

83	C6H5NH2	Aniline	62-53-3	5 ppm		A	1620	
84	HNO3	Aqua fortis	7697-37-2	2 ppm		A	1608	
85	HBr	Aqueous hydrogen bromide (i.e.	10035-10-6	3 ppm	2 ppm	A	1626	
86	HCl aq.sol.	Aqueous hydrogen chloride (i.e.	7647-01-0		4 ppm	A	2184	
87	C5H5N	Azine	110-86-1	5 ppm	10 ppm	A	800	
88	C6H5NH2	Benzenamine	62-53-3	5 ppm		A	1620	
89	C6H5Cl	Benzene chloride	108-90-7	75 ppm	20 ppm	A	1970	
90	C6H5Cl	Benzene chloride	108-90-7	75 ppm	20 ppm	A	1970	
91	C2H7NO	beta-Aminoethyl alcohol	141-43-5	3 ppm	4 ppm	A	300	
92	C4H4Cl	beta-Chloroprene	126-99-8	25 ppm		A	380	
93	C4H6O	beta-Methyl acrolein	4170-30-3	2 ppm		A	825	
94	C6H12O2	beta-Methylpropyl ethanoate	110-19-0	150 ppm	200 ppm	A	1450	
95	C10H12	Bicyclopentadiene	77-73-6		0,5 ppm	A	1270	
96	Br2	Bromine	7726-95-6	0,1 ppm		A	858	
97	CH2BrCl	Bromochloromethane	74-97-5	200 ppm		A	1660	
Serial Number	Molecular Formula	English Name	CAS No.	PEL- TWA	MAK-STEL	Fume Hood Rating	Adsorption Capacity (g)	Remark
98	CHBr3	Bromoform	75-25-2	0,5 ppm		A	750	
99	C7H12O2	Butyl acrylate	141-32-2		4 ppm	A	1720	
100	C4H10O	Butyl alcohol	71-36-3	100 ppm	100 ppm	A	1400	
101	C4H10O	Butyl alcohol sec	78-92-2	150 ppm		A	1160	
102	C4H10O	Butyl alcohol sec	78-92-2	150 ppm		A	1160	
103	C4H10O	Butyl alcohol ter	75-65-0	100 ppm	80 ppm	A	975	

104	C6H14O2	Butyl Cellosolve®	111-76-2	50 ppm	20 ppm	A	1785	
105	C7H14O2	Butyl glycidyl ether	2426-08-6	50 ppm		A	1665	
106	C6H14O2	Butyl glycol	111-76-2	50 ppm	20 ppm	A	1785	
107	C7H14O3	Butyl lactate	138-22-7			A	1915	
108	C18H14O2	Butyl metacrylate	97-88-1			A	1875	
109	CBr4	Carbon bromide	558-13-4			A	2250	
110	CS2	Carbon disulfide	75-15-0	20 ppm	10 ppm	A	245	
111	CBr4	Carbon tetrabromide	558-13-4			A	2250	
112	CCl4	Carbon tetrachloride	56-23-5	10 ppm	1 ppm	A	2325	
113	Cl2	Chlorine	7782-50-5		0,5 ppm	A	858	
114	ClO2	Chlorine dioxide	10049-04-4	0,1 ppm	0,1 ppm	A	270	
115	ClO2	Chlorine oxide	10049-04-4	0,1 ppm	0,1 ppm	A	270	
116	C3H6NO2Cl	Chloro-1-nitropropane 1	600-25-9	20 ppm		A	1875	
117	CH2BrCl	Chlorobromomethane	74-97-5	200 ppm		A	1660	
118	C4H4Cl	Chlorobutadiene	126-99-8	25 ppm		A	380	
119	C2H5Cl	Chloroethane	75-00-3	1000 ppm		A	40	
120	CHCl3	Chloroform	67-66-3		1 ppm	A	650	
121	CH3Cl	Chloromethane	74-87-3	100 ppm	100 ppm	A	15	
122	C4H4Cl	Chloroprene	126-99-8	25 ppm		A	380	
123	C2H3Cl3	Chloroethene	71-55-6	350 ppm	200 ppm	A	900	
124	C8H8	Cinamene	100-42-5	100 ppm	40 ppm	A	1050	
125	C7H8O	Cresol all isomers	1319-77-3	5 ppm		A	1315	
126	C4H6O	Crotonaldehyde	4170-30-3	2 ppm		A	825	
127	C9H12	Cumene	98-82-8	50 ppm	200 ppm	A	1480	

128	C9H12	Cumol	98-82-8	50 ppm	200 ppm	A	1480	
129	C2H3N	Cyanomethane	75-05-8	40 ppm	40 ppm	A	240	
130	C6H12	Cyclohexane	110-82-7	300 ppm	800 ppm	A	890	
Serial Number	Molecular Formula	English Name	CAS No.	PEL- TWA	MAK-STEL	Fume Hood Rating	Adsorption Capacity (g)	Remark
131	C6H10O	Cyclohexanone	108-94-1	50 ppm		A	1745	
132	C6H10	Cyclohexene	110-83-8	300 ppm		A	1120	
133	C6H12O	Cyclohexyl alcohol	108-93-0	50 ppm	50 ppm	A	1525	
134	C6H10O	Cyclohexyl ketone	108-94-1	50 ppm		A	1745	
135	C6H11NH2	Cyclohexylamine	108-91-8		4 ppm	A	525	
136	C5H10	Cyclopentane	287-92-3			A	710	
137	C4H11NO2	DEA	111-42-2		m3	A	700	
138	C6H12O2	Diacetone	123-42-2	50 ppm	40 ppm	A	1280	
139	C6H12O2	Diacetone alcohol	123-42-2	50 ppm	40 ppm	A	1280	
140	CH2Cl2	Dichloromethane	75-09-2	25 ppm		A	140	
141	C3H6Cl2	Dichloropropane 1, 2	78-87-5	75 ppm		A	1125	
142	C10H12	Dicyclopentadiene	77-73-6		0,5 ppm	A	1270	
143	C4H11N	Diethamine	109-89-7	25 ppm	10 ppm	A	315	
144	C4H11NO2	Diethanolamine	111-42-2		m3	A	700	
145	C4H10O	Diethyl ether	60-29-7	400 ppm	400 ppm	A	470	
146	C5H10O	Diethyl ketone	96-22-0			A	1255	
147	C4H10O	Diethyl oxide	60-29-7	400 ppm	400 ppm	A	470	
148	C4H11N	Diethylamine	109-89-7	25 ppm	10 ppm	A	315	

149	C6H15NO	Diethylaminoethanol-2	100-37-8	10 ppm	5 ppm	A	1015	
150	C4H8O2	Diethylene dioxide	123-91-1	100 ppm	40 ppm	A	1265	
151	C8H18O3	Diethylene glycol monobutyl et	112-34-5		15 ppm	A	1582,5	
152	C4H8O	Diethylene oxide	109-99-9	200 ppm	100 ppm	A	870	
153	C4H13N3	Diethylene triamine	111-40-0			A	475	
154	C6H14O	Diisopropyl ether	108-20-3	500 ppm	400 ppm	A	665	
155	C9H18O	Diisopropyl ketone	108-83-8	50 ppm		A	1215	
156	C6H14O	Diisopropyl oxide	108-20-3	500 ppm	400 ppm	A	665	
157	C6H15N	Diisopropylamine	108-18-9	5 ppm		A	265	
158	C3H8O2	Dimethoxymethane	109-87-5	1000 ppm	2000 ppm	A	620	
159	C2H7N	Dimethyl amine	124-40-3	10 ppm	4 ppm	A	75	
160	C8H10	Dimethyl benzene (and isomers)	95-47-6	100 ppm	200 ppm	A	1600	
161	C3H8O	Dimethyl carbinol	67-63-0	400 ppm	400 ppm	A	625	
162	C2H6O	Dimethyl ether	115-10-6		8000 ppm	A	15	
163	C3H6O	Dimethyl ketone	67-64-1	1000 ppm	1000 ppm	A	300	
Serial Number	Molecular Formula	English Name	CAS No.	PEL- TWA	MAK-STEL	Fume Hood Rating	Adsorption Capacity (g)	Remark
164	C3H7NO	Dimethylformamide	68-12-2	10 ppm	20 ppm	A	1620	
165	C12H10O	Diphenyl oxide	101-84-8	1 ppm	1 ppm	A	1920	
166	C7H14O	Dipropyl ketone	123-19-3			A	1275	
167	C7H16	Dipropylmethane	142-82-5	500 ppm	500 ppm	A	1235	
168	C2H7N	DMA	124-40-3	10 ppm	4 ppm	A	75	
169	C3H7NO	DMF	68-12-2	10 ppm	20 ppm	A	1620	

170	C6H5NO2	Essence of mirbane	98-95-3	1 ppm		A	1070	
171	CH2O	Ethanal	50-00-0	0,75 ppm	0,6 ppm	A	215	
172	C2H4O	Ethanal	75-07-0	200 ppm	50 ppm	A	55	
173	C2H4O2	Ethanoic acid	64-19-7	10 ppm	20 ppm	A	1610	
174	C2H6O	Ethanol	64-17-5	1000 ppm	1000 ppm	A	220	
175	C2H7NO	Ethanolamine	141-43-5	3 ppm	4 ppm	A	300	
176	C4H10O	Ether	60-29-7	400 ppm	400 ppm	A	470	
177	C4H8O2	Ethyl acetate	141-78-6	400 ppm	800 ppm	A	885	
178	C5H8O2	Ethyl acrylate	140-88-5	25 ppm	10 ppm	A	1395	
179	C2H6O	Ethyl alcohol	64-17-5	1000 ppm	1000 ppm	A	220	
180	C2H4O	ethyl aldehyde	75-07-0	200 ppm	50 ppm	A	55	
181	C8H10	Ethyl benzene	100-41-4	100 ppm		A	1450	
182	C2H5Br	Ethyl bromide	74-96-4	200 ppm		A	900	
183	C2H5Cl	Ethyl chloride	75-00-3	1000 ppm		A	40	
184	C4H8O2	Ethyl ethanoate	141-78-6	400 ppm	800 ppm	A	885	
185	C4H10O	Ethyl ether	60-29-7	400 ppm	400 ppm	A	470	
186	C3H6O2	Ethyl formate	109-94-4	100 ppm		A	860	
187	C5H10O	Ethyl ketone	96-22-0			A	1255	
188	C4H8O	Ethyl methyl ketone	78-93-3	200 ppm	200 ppm	A	820	
189	C2H3N	Ethyl nitrile	75-05-8	40 ppm	40 ppm	A	240	
190	C4H10O	Ethyl oxide	60-29-7	400 ppm	400 ppm	A	470	
191	C2H7N	Ethylamine	75-04-7	10 ppm	10 ppm	A	95	
192	C2H5OCl	Ethylen chlorhydrin	107-07-3	5 ppm	1 ppm	A	1200	
193	C2H6O2	Ethylene alcohol	107-21-1		20 ppm	A	930	

194	C2H5OCl	Ethylene chlorohydrin	107-07-3	5 ppm	1 ppm	A	1200	
195	C2H8N2	Ethylene diamine (solution)	107-15-3	10 ppm		A	695	
196	C2H6O2	Ethylene glycol	107-21-1		20 ppm	A	930	
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197	C2H4Cl2	Ethylidene chloride	75-34-3	100 ppm	200 ppm	A	380	
198	CH2O	Formaldehyde	50-00-0	0,75 ppm	0,6 ppm	A	215	
199	CH2O	Formaldehyde solution	50-00-0	0,75 ppm	0,6 ppm	A	215	
200	CH2O	Formalin (as formaldehyde)	50-00-0	0,75 ppm	0,6 ppm	A	215	
201	CH2O2	Formic acid	64-18-6	5 ppm	10 ppm	A	1235	
202	CH2O	Formic aldehyde	50-00-0	0,75 ppm	0,6 ppm	A	215	
203	HCN	Formonitrile	74-90-8	10 ppm	3,8 ppm	A	270	
204	C5H6O2	Furfuryl alcohol	98-00-0	50 ppm		A	1395	
205	C2H4O2	Glacial acetic acid (pure)	64-19-7	10 ppm	20 ppm	A	1610	
206	C5H8O2	Glutaraldehyde	111-30-8		0,1 ppm	A	320	
207	C2H6O2	Glycol	107-21-1		20 ppm	A	930	
208	C7H14O	Heptan-4-one	123-19-3			A	1275	
209	C7H16	Heptane	142-82-5	500 ppm	500 ppm	A	1235	
210	C6H14	Hexane	110-54-3	500 ppm		A	1080	
211	C6H12O	Hexone	108-10-1	100 ppm	40 ppm	A	1310	
212	HBr	Hydrobromic acid	10035-10-6	3 ppm	2 ppm	A	1626	
213	HCl aq.sol.	Hydrochloric acid	7647-01-0		4 ppm	A	2184	
214	HCN	Hydrocyanic acid	74-90-8	10 ppm	3,8 ppm	A	270	

215	HF aq.sol.	Hydrofluoric acid	7664-39-3	3 ppm	2 ppm	A	540	
216	HCl	Hydrogen chloride	7647-01-0		4 ppm	A	2184	
217	HCN	Hydrogen cyanide	74-90-8	10 ppm	3,8 ppm	A	270	
218	HF	Hydrogen fluoride	7664-39-3	3 ppm	2 ppm	A	540	
219	HNO3	Hydrogen nitrate	7697-37-2	2 ppm		A	1608	
220	H2O2	Hydrogen peroxide	7722-84-1	1 ppm	0,5 ppm	A	1854	
221	H2O2	Hydrogen peroxide	7722-84-1	1 ppm	0,5 ppm	A	1854	
222	H2SO4	Hydrogen sulfate	7664-93-9	1 mg/m3	0,1mg/m3inha	A	1674	
223	H2S	Hydrogen sulfide	7783-06-4	4 ppm	10 ppm	A	810	
224	C6H6O2	Hydroquinone	123-31-9	2 mg/m3		A	1565	
225	C6H6O	Hydroxybenzene	108-95-2	5 ppm		A	1075	
226	C6H12O	Hydroxycyclohexane	108-93-0	50 ppm	50 ppm	A	1525	
227						A		
228	I2	Iodine	7553-56-2			A	2250	
229	C3H8O	IPA	67-63-0	400 ppm	400 ppm	A	625	
Serial Number	Molecular Formula	English Name	CAS No.	PEL- TWA	MAK-STEL	Fume Hood Rating	Adsorption Capacity (g)	Remark
230	C5H12O	Isoamyl alcohol (primary)	123-51-3	100 ppm	80 ppm	A	1285	
231	C4H10O	Isobutanol	78-83-1	100 ppm	100 ppm	A	1285	
232	C6H10O	Isobutenyl methyl ketone	141-79-7	25 ppm	10 ppm	A	1815	
233	C6H12O2	Isobutyl acetate	110-19-0	150 ppm	200 ppm	A	1450	
234	C4H10O	Isobutyl alcohol	78-83-1	100 ppm	100 ppm	A	1285	
235	C5H12O	Isobutyl carbinol	123-51-3	100 ppm	80 ppm	A	1285	

236	C6H14O	Isobutyl methyl carbinol	108-11-2	25 ppm	20 ppm	A	1310	
237	C5H12	Isopentane	78-78-4		2000 ppm	A	560	
238	C7H14O2	Isopentyl acetate	123-92-2	100 ppm	50 ppm	A	1510	
239	C9H14O	Isophorone	78-59-1	25 ppm	4 ppm	A	1395	
240	C3H8O	Isopropanol	67-63-0	400 ppm	400 ppm	A	625	
241	C5H10O2	Isopropyl acetate	108-21-4	250 ppm	200 ppm	A	1310	
242	C3H8O	Isopropyl alcohol	67-63-0	400 ppm	400 ppm	A	625	
243	C9H12	Isopropyl benzene	98-82-8	50 ppm	200 ppm	A	1480	
244	C9H12	Isopropyl benzene	98-82-8	50 ppm	200 ppm	A	1480	
245	C6H14O	Isopropyl ether	108-20-3	500 ppm	400 ppm	A	665	
246	C6H12O2	Isopropyl glycidyl ether	4016-14-2	50 ppm		A	1490	
247	C3H9N	Isopropylamine	75-31-0	5 ppm	10 ppm	A	195	
248	C4H10O	Isopropylcarbinol	78-83-1	100 ppm	100 ppm	A	1285	
249	C6H10O	Isopropylideneacetone	141-79-7	25 ppm	10 ppm	A	1815	
250	C3H6NO2Cl	Korax	600-25-9	20 ppm		A	1875	
251	C4H8O	MEK	78-93-3	200 ppm	200 ppm	A	820	
252	C4H8O	MEK	78-93-3	200 ppm	200 ppm	A	820	
253	C6H10O	Mesityl oxide	141-79-7	25 ppm	10 ppm	A	1815	
254	C9H12	Mesitylene	108-67-8		40 ppm	A	1480	
255	C4H6O2	Methacrylic acid	79-41-4		10 ppm	A	1900	
256	CH2O	Methanal	50-00-0	0,75 ppm	0,6 ppm	A	215	
257	CBr4	Methane tetrabromide	558-13-4			A	2250	
258	CH2O2	Methanoic acid	64-18-6	5 ppm	10 ppm	A	1235	
259	CH4O	Methanol	67-56-1	200 ppm	800 ppm	A	50	

260	C4H5O2	Methoxycarbonylethylene	96-33-3	10 ppm	5 ppm	A	770	
261	C3H4	Methyl acetylene	74-99-7	1000 ppm		A	20	
262	CH4O	Methyl alcohol	67-56-1	200 ppm	800 ppm	A	50	
Serial Number	Molecular Formula	English Name	CAS No.	PEL- TWA	MAK-STEL	Fume Hood Rating	Adsorption Capacity (g)	Remark
263	C6H12O	Methyl butyl ketone	591-78-6	100 ppm	40 ppm	A	1240	
264	CH3Cl	Methyl chloride	74-87-3	100 ppm	100 ppm	A	15	
265	C2H3Cl3	Methyl chloroform	71-55-6	350 ppm	200 ppm	A	900	
266	C2H3N	Methyl cyanide	75-05-8	40 ppm	40 ppm	A	240	
267	C5H5NO2	Methyl cyanoacrylate	137-05-3		2 ppm	A	380	
268	C7H14	Methyl cyclohexane	108-87-2	500 ppm	400 ppm	A	1062,5	
269	C7H14O	Methyl cyclohexanol	25639-42-3	100 ppm		A	1570	
270	C7H12O	Methyl cyclohexanone	1331-22-2	100 ppm		A	1615	
271	C2H6O	Methyl ether	115-10-6		8000 ppm	A	15	
272	C4H8O	Methyl ethyl ketone	78-93-3	200 ppm	200 ppm	A	820	
273	C2H4O2	Methyl formate	107-31-3	100 ppm	200 ppm	A	90	
274	C6H10O	Methyl isobutenyl ketone	141-79-7	25 ppm	10 ppm	A	1815	
275	C6H12O	Methyl isobutyl ketone	108-10-1	100 ppm	40 ppm	A	1310	
276	C5H8O2	Methyl metacrylate	80-62-6	100 ppm	10 ppm	A	1395	
277	C7H8O	Methyl phenol all isomers	1319-77-3	5 ppm		A	1315	
278	C4H5O2	Methyl propenoate	96-33-3	10 ppm	5 ppm	A	770	
279	C5H10O	Methyl propyl ketone	107-87-9	200 ppm		A	1250	
280	C9H10	Methyl styrene	25013-15-4	100 ppm	200 ppm	A	1450	

281	C5H12O	Methyl-3-butanol-1	123-51-3	100 ppm	80 ppm	A	1285	
282	C4H5O2	Methylacrylate	96-33-3	10 ppm	5 ppm	A	770	
283	C3H8O2	Methylal	109-87-5	1000 ppm	2000 ppm	A	620	
284	CH5N	Methylamine	74-89-5	10 ppm	10 ppm	A	30	
285	C6H14O	methylamyl alcohol	108-11-2	25 ppm	20 ppm	A	1310	
286	CH2Cl2	Methylene chloride	75-09-2	25 ppm		A	140	
287	CH2BrCl	Methylene chlorobromide	74-97-5	200 ppm		A	1660	
288	CH2Cl2	Methylene dichloride	75-09-2	25 ppm		A	140	
289	CH2O	Methylene oxide	50-00-0	0,75 ppm	0,6 ppm	A	215	
290	C4H10O	Methylethyl carbinol	78-92-2	150 ppm		A	1160	
291	C6H14O	MIBC	108-11-2	25 ppm	20 ppm	A	1310	
292	C6H12O	MIBK	108-10-1	100 ppm	40 ppm	A	1310	
293	C6H5NO2	Mirbane oil	98-95-3	1 ppm		A	1070	
294	HCl aq.sol.	Muriatic acid	7647-01-0		4 ppm	A	2184	
295	C4H11N	N,N-Dimethylethylamine	598-56-1		4 ppm	A	350	
Serial Number	Molecular Formula	English Name	CAS No.	PEL- TWA	MAK-STEL	Fume Hood Rating	Adsorption Capacity (g)	Remark
296	C7H14O2	n-Amyl acetate	123-92-2	100 ppm	50 ppm	A	1345	
297	C4H10	n-Butane	106-97-8		4000 ppm	A	50	
298	C4H10S	n-Butanethiol	109-79-5	10 ppm	1 ppm	A	130	
299	C4H10O	n-Butanol	71-36-3	100 ppm	100 ppm	A	1400	
300	C6H12O2	n-Butyl acetate	123-86-4	150 ppm	200 ppm	A	1390	
301	C4H9NH2	n-Butyl amine	109-73-9			A	380	

302	C4H11N	N-Ethylethanamine	109-89-7	25 ppm	10 ppm	A	315	
303	C6H14	n-Hexane	110-54-3	500 ppm		A	1080	
304	HNO3	Nitric acid	7697-37-2	2 ppm		A	1608	
305	C6H5NO2	Nitro benzene	98-95-3	1 ppm		A	1070	
306	C2H5NO2	Nitroethane	79-24-3	100 ppm	400 ppm	A	1170	
307	CH3NO2	Nitromethane	75-52-5	100 ppm		A	972	
308	C8H18	n-Octane	111-65-9	500 ppm	1000 ppm	A	990	
309	C9H20	Nonane all isomers	111-84-2			A	1150	
310	C5H12	n-Pentane	109-66-0	1000 ppm	2000 ppm	A	640	
311	H3PO4	Orthophosphoric acid	7664-38-2	1 mg/m3	m3	A	1674	
312	C8H10	o-Xylene	95-47-6	100 ppm	200 ppm	A	1600	
313	C6H4Cl2	p-Dichlorobenzene	106-46-7	75 ppm		A	2550	
314	C7H14O2	Pentyl acetate	628-63-7	100 ppm	50 ppm	A	1345	
315	C2Cl4	Perchloroethylene	127-18-4	100 ppm		A	2330	
316	C6H6O	Phenol	108-95-2	5 ppm		A	1075	
317	C6H5NH2	Phenyl amine	62-53-3	5 ppm		A	1620	
318	C6H5Cl	Phenyl chloride	108-90-7	75 ppm	20 ppm	A	1970	
319	C12H10O	Phenyl ether	101-84-8	1 ppm	1 ppm	A	1920	
320	C6H6O	Phenyl hydroxide	108-95-2	5 ppm		A	1075	
321	C8H10	Phenylethane	100-41-4	100 ppm		A	1450	
322	C8H8	Phenylethylene	100-42-5	100 ppm	40 ppm	A	1050	
323	C7H8	Phenylmethane	108-88-3	200 ppm	200 ppm	A	1380	
324	H3PO4	Phosphoric acid	7664-38-2	1 mg/m3	m3	A	1674	
325	C3H8O	Propanol-1	71-23-8	200 ppm		A	695	

326	C3H4O	Propargyl alcohol	107-19-7		4 ppm	A	625	
327	C5H10O2	Propyl acetate	109-60-4	200 ppm	200 ppm	A	1310	
328	C3H8O	Propyl alcohol	71-23-8	200 ppm		A	695	
Serial Number	Molecular Formula	English Name	CAS No.	PEL- TWA	MAK-STEL	Fume Hood Rating	Adsorption Capacity (g)	Remark
329	C9H12	Propylbenzene	108-67-8		40 ppm	A	1480	
330	C4H6O	Propylene aldehyde	4170-30-3	2 ppm		A	825	
331	C3H6Cl2	Propylene chloride	78-87-5	75 ppm		A	1125	
332	C3H6Cl2	Propylene dichloride	78-87-5	75 ppm		A	1125	
333	C3H4	Propyne	74-99-7	1000 ppm		A	20	
334	HCN	Prussic acid	74-90-8	10 ppm	3,8 ppm	A	270	
335	C5H5N	Pyridine	110-86-1	5 ppm	10 ppm	A	800	
336	C4H10O	SBA	78-92-2	150 ppm		A	1160	
337	C7H14O2	sec-Amyl acetate	123-92-2	100 ppm	50 ppm	A	1525	
338	C8H8	Styrene	100-42-5	100 ppm	40 ppm	A	1050	
339	SO2	Sulfur dioxide	7446-09-5	5 ppm	0.5 ppm	A	216	
340	H2SO4	Sulfuric acid	7664-93-9	1 mg/m3	0,1mg/m3inha	A	1674	
341	C4H10O	ter-Butanol	75-65-0	100 ppm	80 ppm	A	975	
342	C6H12O2	ter-Butyl acetate	540-88-5	200 ppm	80 ppm	A	1570	
343	C4H10O	ter-Butyl alcohol	75-65-0	100 ppm	80 ppm	A	975	
344	C4H10O	tert-Butyl alcohol	75-65-0	100 ppm	80 ppm	A	975	
345	CBr4	Tetrabromomethane	558-13-4			A	2250	
346	C2Cl4	Tetrachloroethylene	127-18-4	100 ppm		A	2330	

347	CCl4	Tetrachloromethane	56-23-5	10 ppm	1 ppm	A	2325	
348	C4H8O	Tetrahydrofuran	109-99-9	200 ppm	100 ppm	A	870	
349	C4H8O	THF	109-99-9	200 ppm	100 ppm	A	870	
350	C3H9N	TMA	75-50-3		4 ppm	A	40	
351	C7H8	Toluene	108-88-3	200 ppm	200 ppm	A	1380	
352	C7H8	Toluol	108-88-3	200 ppm	200 ppm	A	1380	
353	CHBr3	Tribromomethane	75-25-2	0,5 ppm		A	750	
354	C2HCl3O2	Trichloroacetic acid	76-03-9			A	2250	
355	C2HCl3O2	Trichloroethanoic acid	76-03-9			A	2250	
356	C2HCl3O2	Trichloroethanoic acid	76-03-9			A	2250	
357	CHCl3	Trichloromethane	67-66-3		1 ppm	A	650	
358	C6H15N	Triethylamine	121-44-8	25 ppm	2 ppm	A	180	
359	C3H9N	Trimethylamine	75-50-3		4 ppm	A	40	
360	C9H12	Trimethylbenzene	108-67-8		40 ppm	A	1480	
361	C10H16	Turpentine oil	8006-64-2	100 ppm		A	1185	
Serial Number	Molecular Formula	English Name	CAS No.	PEL- TWA	MAK-STEL	Fume Hood Rating	Adsorption Capacity (g)	Remark
362	C9H10	Vinyl toluene	25013-15-4	100 ppm	200 ppm	A	1450	
363	C8H8	Vinylbenzene	100-42-5	100 ppm	40 ppm	A	1050	
364	C8H10	Xylene (isomers)	1330-20-7	100 ppm	200 ppm	A	1600	
365	C9H10	Xylol	103-38-3	50 ppm		A	1450	
366	C8H14ClN5	Atrazine	1912-24-9		16 inhalablem	Hepa H14	99,995%	
367	NaN3	Azide	26628-22-8		aerosol		99,995%	

368	10Cl2N2OC9	Diuron	330-54-1			Hepa H14	99,995%	
369					100 inhala-			
370	C3H8O3	Glycerol	56-81-5	15dustinhalablemg	mg/m3	Hepa(cold)H14	99,995%	
371	LiH	Lithium hydride	7580-67-8	0,025 mg/m3		Hepa H14	99,995%	
372	C12H14N2	Paraquat	4685-14-7	0,5 mg/m3		Hepa H14	99,995%	
373	14NO5PSC10	Parathion	56-38-2	0,1 mg/m3	m3	Hepa H14	99,995%	
374				15 total dust				
375	Si	Silicon	7440-21-3	mg/m3		Hepa H14	99,995%	
376								
377	NaN3	Sodium azide	26628-22-8		aerosol		99,995%	
378	C21H22N2O2	Strychnine	57-24-9	0,15 mg/m3		Hepa H14	99,995%	
379	TiO2	Titanium dioxide	13463-67-7	15 mg/m3total dust		Hepa H14	99,995%	
380	C2H4Br2	1,2-Dibromoethane	106-93-4	20 ppm		A	3900	
381	C2H2Cl2	1,2-Dichloroethylene	540-59-0	200 ppm	400 ppm	A	525	
382	C4H6	1,3-Butadiene	106-99-0	1 ppm		A	50	
383	C3H4Cl2	1,3-Dichloropropene	542-75-6			A	1315	
384	C3H4Cl2	1,3-Dichloropropylene	542-75-6			A	1315	
385	C3H6O2	1,3-Dioxolane	646-06-0		200 ppm	A	820	
386	C10H10	1,3-Divinylbenzene	1321-74-0			A	1250	
387	C3H9NO	1-Aminopropane	107-10-8			A	320	
388	C4H9Cl	1-Chloro butane	109-69-3			A	1090	
389	C5H9NO	1-Methyl-2-pyrrolidinone	872-50-4		40 ppm	A	1250	
390	C3H8S	1-Propanethiol	107-03-9			A	65	
391	C7H16	2, 4-Dimethyl pentane	108-08-7			A	765	

392	C7H14O	2,4-Dimethyl-3-pentanone	565-80-0			A	1215	
393	C3H9NO	2-Amino 1-propanol	35320-23-1			A	320	
394	C4H9NH2	2-Amino butane	13952-84-6		4 ppm	A	350	
Serial Number	Molecular Formula	English Name	CAS No.	PEL- TWA	MAK-STEL	Fume Hood Rating	Adsorption Capacity (g)	Remark
395	C5H8	2-Methyl-1,3-butadiene	78-79-5			A	640	
396	C3H9NO	3-Amino-1-propanol	156-87-6			A	320	
397	C7H8O	3-Cresol	108-39-4			A	1315	
398	C7H8O	3-Hydroxytoluene	108-39-4			A	1315	
399	C6H14O2	3-Methoxy-3-methyl-1-butanol	56539-66-3			A	1261,25	
400	C7H8O	3-Methyl phenol	108-39-4			A	1315	
401	C6H10O	3-Methyl-3-penten-2-one	565-62-8			A	1815	
402	C8H16O	3-Octanone	106-68-3			A	930	
403	C7H9N	4-Aminotoluene	106-49-0			A	387,5	
404	C7H8O	4-Cresol	106-44-5			A	1315	
405	C7H8O	4-Hydroxytoluene	106-44-5			A	1315	
406	C7H9N	4-Methylaniline	106-49-0			A	387,5	
407	C2H2	Acetylene	74-86-2			A	40	
408	C2H2Cl2	Acetylene dichloride	540-59-0	200 ppm	400 ppm	A	525	
409	C5H12O	Amyl alcohol n	71-41-0		80 ppm	A	1495	
410	HCL+HNO3	Aqua regia				A	2040	
411	C6H5CH2OH	Benzyl alcohol	100-51-6			A	1122,5	
412	C21H20N3Br	BET	1239-45-8			A	1300	

413	C2H3Br	Bromoethene	593-60-2			A	40	
414	C2H3Br	Bromoethylene	593-60-2			A	40	
415	C4H8O2	Butanoic acid	107-92-6			A	1900	
416	C5H12O	Butyl carbinol	71-41-0		80 ppm	A	1495	
417	C8H18O	Butyl ether	142-96-1			A	1085	
418	C6H12O	Butyl vinyl ether	111-34-2			A	870	
419	C6H12O	Butyl vinyl ether	111-34-2			A	870	
420	C4H8O2	Butyric acid	107-92-6			A	1900	
421	C6H12O	BVE	111-34-2			A	870	
422	C10H22	Decane	124-18-5			A	1590	
423	C8H18O	Dibutyl ether	142-96-1			A	1085	
424	C7H14O	Diisopropyl ketone	565-80-0			A	1215	
425	C2H6SO	Dimethyl sulfoxide	67-68-5		100 ppm	A	860	
426	C3H8	Dimethylmethane	74-98-6	1000 ppm	4000 ppm	A	10	
427	C4H6	Divinyl	106-99-0	1 ppm		A	50	
Serial Number	Molecular Formula	English Name	CAS No.	PEL- TWA	MAK-STEL	Fume Hood Rating	Adsorption Capacity (g)	Remark
428	C8H16O	EAK	106-68-3			A	930	
429	C4H6	Erythrene	106-99-0	1 ppm		A	50	
430	C2H2	Ethene	74-86-2			A	40	
431	C21H20N3Br	Ethidium bromide	1239-45-8			A	1300	
432	C6H7NO2	ethyl cyanoacrylate				A	1040	
433	C8H16O	Ethylamyl ketone	106-68-3			A	930	

434	C2H4Br2	Ethylene dibromide	106-93-4	20 ppm		A	3900	
435	C2H4Br2	Ethylene dibromide	106-93-4	20 ppm		A	3900	
436	C2H2	Ethyne	74-86-2			A	40	
437	C3H2F5ClO	Forene				A	650	
438		Gasoline 60	8006-61-9			A	825	
439	C2HBrClF3	Halothane	151-67-7		40 ppm	A	650	
440	HClO	Hypochlorous acid				A	1608	
441	C5H12O	Isoamyl alcohol	71-41-0		80 ppm	A	1495	
442	C4H10	Isobutane	75-28-5		4000 ppm	A	50	
443	C7H14O	Isobutyron	565-80-0			A	1215	
444	C3H2F5ClO	Isoflurane	26675-46-7			A	650	
445	C3H7NO2	iso-Nitropropane	79-46-9	25 ppm		A	1044	
446	C8H18	Isooctane	540-84-1			A	1240	
447	C8H18O	Isooctanol	104-76-7		20 ppm	A	1250	
448	C8H18O	Isooctylalcohol	104-76-7		20 ppm	A	1250	
449	C5H8	Isoprene	78-79-5			A	640	
450	C3H7NO2	Isopropane	79-46-9	25 ppm		A	1044	
451	C10H16	Limonene	5989-54-8			A	1390	
452	C7H8O	m-Cresol	108-39-4			A	1315	
453	C2H6SO	Mercapto-2 Ethanol	60-24-2			A	1170	
454		Methyl Acetylene Propadiene Mix.		1000 ppm		A	20	
455	C4H10	Methyl-2-propane	75-28-5		4000 ppm	A	50	
456	C5H12O	Methyl-3-butanol-1	71-41-0		80 ppm	A	1495	
457	C7H14O	Methyl-n-amyl ketone	110-43-0	100 ppm		A	1350	

458	trimethylben	Naphta 30/60	8052-41-3	500 ppm		A	640	
459	C4H9Cl	n-Butyl chloride	109-69-3			A	1090	
460	C7H7Cl	o-Chlorotoluene	106-43-4			A	2120	
Serial Number	Molecular Formula	English Name	CAS No.	PEL- TWA	MAK-STEL	Fume Hood Rating	Adsorption Capacity (g)	Remark
461	C2H5Cl5	Pentachloroethane	76-01-7		10 ppm	A	3060	
462	C5H12O	Pentanol 1	71-41-0		80 ppm	A	1495	
463	HClO4	Perchloric acid	7601-90-3			A	1674	
464		Petroleum ether 30/60	8032-32-4		#N/A	A	640	
465	C3H6O	Propanal	123-38-6			A	497,5	
466	C3H8	Propane	74-98-6	1000 ppm	4000 ppm	A	10	
467	C3H9NO	Propanolamine	107-10-8			A	320	
468	C3H8S	Propyl mercaptan	107-03-9			A	65	
469	C3H9N	Propylamine	107-10-8			A	320	
470	C7H9N	p-Toluidine	106-49-0			A	387,5	
471	C4H9NH2	sec-Butyl amine	13952-84-6		4 ppm	A	350	
472	C4H9Cl	sec-Butyl chloride	507-20-0			A	940	
473	trimethylben	Stoddard solvent	8052-41-3	500 ppm		A	640	
474	C2HF3O2	TFA	76-05-1			A	900	
475	C2H3Cl3	Trichloroethane-1,1,2	79-00-5	10 ppm	20 ppm	A	1550	
476	C2HF3O2	Trifluoroacetic acid	76-05-1			A	900	
477	C4H10	Trimethyl methane	75-28-5		4000 ppm	A	50	
478	C8H18	Trimethyl pentane-2,2,4	540-84-1			A	1240	

479	C2H3Br	Vinyl bromide	593-60-2	1 ppm		A	40	
480	C4H6	Vinyl ethylene	106-99-0	10 ppm	20 ppm	A	50	
481	C2H3Cl3	Vinyl trichloride	79-00-5	500 ppm		A	1550	
482	trimethylben	White spirit				A	640	
483	C9H8O4	Acetylsalicylic acid	50-78-2			HEPA H 14	99,995%	Solid
484	SiO2	Amorphous silica	7631-86-9	total80/ dust% m3	4 inhalable	HEPA H14	99,995%	Solid
485	C9H8O4	Aspirin	50-78-2			HEPA H14	99,995%	Solid
486	Cd	Cadnium	7440-43-9	0,005 mg/m3		HEPA H14	99,995%	Solid
487	Cd	Cadnium (dust and fumes)	7440-43-9	0,005 mg/m3		HEPA H14	99,995%	Solid
488	C9H4O3.H2O	Ninhydrine (powder)	485-47-2	80/ % silica		HEPA H14	99,995%	Solid
489	SiO2	Silica gel	7631-86-9	total dust m3 mg/	4 inhalable	HEPA H14	99,995%	Solid
490	Ag	Silver	7440-22-4	0,01 mg/m3	aerosol 0,01 in	HEPA H14	99,995%	Solid
491	Al2O3	Alumina	1344-28-1		(OSHA)			Electret
492	Al	Aluminium	7429-90-5	dust 15 mg/m3	total			Electret
Serial Number	Molecular Formula	English Name	CAS No.	PEL- TWA	MAK-STEL	Fume Hood Rating	Adsorption Capacity (g)	Remark
493	NH4Cl	Ammonium chloride	12125-02-9					Electret
494	NH4Cl	Ammonium chloride (fumes)	12125-02-9					Electret
495	BaCl2.2H2O	Barium chloride	10326-38-9					Electret
496	NA2B4O7K(M	Biotite	12001-26-2	20ppm mppcf				Electret
497	10H2O	Borax	1303-96-4	15 total				Electret
498	B2O3	Boron oxide	1303-86-2	dust 15 mg/m3	total			Electret
499	CaCO3	Calcium carbonate	1317-65-3	dust 15 inhalable	mg/m3			Electret

500	Ca(OH) ₂	Calcium hydroxide	1305-62-0	15 aerosol inhalable m ³ mg/				Electret
501	Ca(OH) ₂	Calcium hydroxide	1305-62-0	aerosol m ³ mg/				Electret
502	Ca(SO ₄).2H ₂ O	Calcium sulfate	7778-18-9	dust 15 mg/m ³ total				Electret
503	NaOH	Caustic soda	1310-73-2	2 mg/m ³				Electret
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Reagents refer to the "Occupational Safety and Health Regulations (OSHA)" of the United States

TWA: Time Weighted Average

STEL: Short-term Exposure Allowable Concentration

Fume Hood Rating: Xunling Ductless Fume Hood of Dual Filtration Sys