

Appendix (Building 38, 88 and 70)

CAS#+solution strength	CAS No.	Chemical Name	Usage Restriction Required	Maximum Use Quantity (g/hour)	Maximum Use Quantity (mL/hour)
75070-100%	75-07-0	Acetaldehyde	Yes	119	152
75058-100%	75-05-8	Acetonitrile	Yes	482	613
107028-100%	107-02-8	Acrolein	Yes	1	2
107131-100%	107-13-1	Acrylonitrile	Yes	4	5
7784421-Gas	7784-42-1	Arsine	Yes	2	750
71432-100%	71-43-2	Benzene	Yes		
95169-100%	95-16-9	Benzothiazole	Yes	482	387
10294334-100%	10294-33-4	Boron Tribromide	Yes	241	93
10294345-Gas	10294-34-5	Boron Trichloride	Yes	241	50284
7726956-100%	7726-95-6	Bromine	Yes	138	44
123864-100%	123-86-4	Butyl Acetate, n-	Yes	174	197
75150-100%	75-15-0	Carbon Disulphide	Yes	2271	1798
56235-100%	56-23-5	Carbon Tetrachloride	Yes	17	10
7782505-Gas	7782-50-5	Chlorine	Yes	40	13789
10049044-Gas	10049-04-4	Chlorine Dioxide	Yes	14	4991
67663-100%	67-66-3	Chloroform	Yes	7	5
506774-Gas	506-77-4	Cyanogen Chloride	Yes	83	32861
19287457-Gas	19287-45-7	Diborane	Yes	69	60836
75343-100%	75-34-3	Dichloroethane, 1,1-	Yes	1135	966
156-59-2-100%	156-59-2	Dichloroethylene, Cis-1,2-	Yes	722	563
540590-100%	540-59-0	Dichloroethylene, Sym-1,2-	Yes	722	575
156605-100%	156-60-5	Dichloroethylene, Trans-1,2-	Yes	722	575
624920-100%	624-92-0	Dimethyl Disulphide	Yes	10	9
75183-100%	75-18-3	Dimethyl Sulphide	Yes	5	6
646060-100%	646-06-0	Dioxolane, 1,3-	Yes	69	65
140885-100%	140-88-5	Ethyl Acrylate	Yes	1	1
60297-100%	60-29-7	Ethyl Ether	Yes	165	231
106934-100%	106-93-4	Ethylene Dibromide	Yes	21	10
107062-100%	107-06-2	Ethylene Dichloride	Yes	14	11
75218-Gas	75-21-8	Ethylene Oxide	Yes	1	764
111308-100%	111-30-8	Glutaraldehyde (100 %)	Yes	6	6
999973-100%	999-97-3	Hexamethyldisilazane	Yes	14	18
822060-100%	822-06-0	Hexamethylene Diisocyanate (HDI) Monomer	Yes	0.21	0
7647010-30%	7647-01-0	Hydrochloric Acid (30 %)	Yes	138	399

7647010-35%	7647-01-0	Hydrochloric Acid (35 %)	Yes	138	333
7647010-40%	7647-01-0	Hydrochloric Acid (40 %)	Yes	138	287
7664393-30%	7664-39-3	Hydrofluoric Acid (30%)	Yes	6	18
7664393-40%	7664-39-3	Hydrofluoric Acid (40%)	Yes	6	13
7664393-50%	7664-39-3	Hydrofluoric Acid (50%)	Yes	6	10
7664393-60%	7664-39-3	Hydrofluoric Acid (60%)	Yes	6	8
10035106-Gas	10035-10-6	Hydrogen Bromide	Yes	192	57906
7647010-Gas	7647-01-0	Hydrogen Chloride	Yes	138	92337
74908-100%	74-90-8	Hydrogen Cyanide	Yes	55	80
7664393-Gas	7664-39-3	Hydrogen Fluoride	Yes	6	7236
7783064-Gas	7783-06-4	Hydrogen Sulphide	Yes	2	1621
110190-100%	110-19-0	Isobutyl Acetate	Yes	288	331
108214-100%	108-21-4	Isopropyl Acetate	Yes	348	399
96333-100%	96-33-3	Methyl Acrylate	Yes	1	1
624839-100%	624-83-9	Methyl Isocyanate	Yes	7	7
74931-Gas	74-93-1	Methyl Mercaptan	Yes	2	1149
110123-100%	110-12-3	Methyl-2-Hexanone, 5-	Yes	109	123
75092-100%	75-09-2	Methylene Chloride	Yes	1514	1141
74895-40%	74-89-5	Monomethyl Amine (40%)	Yes	172	656
13463393-100%	13463-39-3	Nickel Carbonyl	Yes	3	3
10028156-Gas	10028-15-6	Ozone	Yes	47	24111
19624227-100%	19624-22-7	Pentaborane	Yes	7	11
75445-Gas	75-44-5	Phosgene	Yes	310	76581
7803512-Gas	7803-51-2	Phosphine	Yes	69	49513
10025873-100%	10025-87-3	Phosphorus Oxychloride	Yes	83	50
123386-100%	123-38-6	Propionaldehyde	Yes	2	2
79094-100%	79-09-4	Propionic Acid	Yes	29	29
75569-100%	75-56-9	Propylene Oxide	Yes	10	12
110861-100%	110-86-1	Pyridine	Yes	14	14
79016-100%	79-01-6	Trichloroethylene (TCE)	Yes	83	56
75694-Gas	75-69-4	Trichlorofluoromethane	Yes	41285	27747
76051-100%	76-05-1	Trifluoroacetic Acid	Yes	103	67
75503-40%	75-50-3	Trimethylamine (40 %)	Yes	0	1
75014-Gas	75-01-4	Vinyl Chloride	Yes	7	2693
75354-100%	75-35-4	Vinylidene Chloride	Yes	69	57