

# CUI Restricted Chemical List

Table 1: CUI Chemical Usage Restriction Based on Volume per Hour.

Number	Chemicals (CAS Number)	Maximum Volume-based Chemical Usage (mL/hour)
1	Acetaldehyde (liquid) 75-07-0	5093.94
2	Acrolein (liquid) 107-02-8	51
3	Acrylonitrile (liquid) 107-13-1	172
4	Arsine (gas) 7784-42-1	25050
5	Bromine (liquid) 7726-95-6	1482
6	Carbon Tetrachloride (liquid) 56-23-5	346
7	Chlorine Dioxide (gas) 10049-04-4	166733
8	Chloroform (liquid) 67-66-3	155
9	Dimethyl Disulphide (liquid) 624-92-0	306
10	Dimethyl Sulphide (liquid) 75-18-3	205
11	Ethyl Acrylate (liquid) 140-88-5	47
12	Ethyl Ether (liquid) 60-29-7	7725
13	Ethylene Dichloride (liquid) 107-06-2	369
14	Ethylene Oxide (gas) 75-21-8	25530

15	Hexamethylene Diisocyanate (HDI) Monomer (liquid) 822-06-0	7
16	Hydrochloric Acid (40 %) (liquid) 7647-01-0	9577
17	Hydrofluoric Acid (50%) (liquid) 7664-39-3	338
18	Hydrofluoric Acid (60%) (liquid) 7664-39-3	275
19	Hydrogen Cyanide (liquid) 74-90-8	2674
20	Hydrogen Sulphide (gas) 7783-06-4	54164
21	Methyl Acrylate (liquid) 96-33-3	40
22	Methyl Isocyanate(liquid) 624-83-9	249
23	Methyl Mercaptan (gas) 74-93-1	38376
24	Nickel Carbonyl (liquid) 13463-39-3	88
25	Pentaborane (liquid) 19624-22-7	377
26	Propionaldehyde (liquid) 123-38-6	67
27	Propylene Oxide (liquid) 75-56-9	401
28	Trimethylamine (40 %) (liquid) 75-50-3	19
29	Vinyl Chloride (gas) 75-01-4	89975
30	Vinylidene Chloride (liquid) 75-35-4	1895