

Toxic Industrial Chemicals (TIC)

A Standard Library for ID100

#	Compound name	Formula	CAS number
Standard components			
1	Water	H ₂ O	7732-18-5
2	Carbon dioxide	CO ₂	124-38-9
3	Carbon monoxide	CO	630-08-0
4	Nitrous oxide	N ₂ O	10024-97-2
5	Sulfur dioxide	SO ₂	7446-09-5
6	Nitrogen dioxide	NO ₂	10102-44-0
7	Methane	CH ₄	74-82-8
8	Formaldehyde	CH ₂ O	50-00-0
9	Toluene	C ₆ H ₅ CH ₃	108-88-3
10	Ammonia	NH ₃	7664-41-7
11	Hydrogen chloride	HCl	7647-01-0
12	Hydrogen fluoride	HF	7664-39-3
13	Hydrogen cyanide	HCN	74-90-8
14	Arsine	AsH ₃	7784-42-1
15	Phosgene	COCl ₂	75-44-5
16	Acrylonitrile	CH ₂ CHCN	107-13-1
17	Ethylene oxide (Oxirane; Epoxyethane)	C ₂ H ₄ O	75-21-8
18	Diborane	B ₂ H ₆	19287-45-7
19	Boron trichloride	BCl ₃	10294-34-5
20	Phosphine	PH ₃	7803-51-2
21	Acrolein (Acrylic aldehyde)	CH ₂ =CHCHO	107-02-8
22	Methylmercaptan (Methanethiol)	CH ₃ SH	74-93-1
23	Sulfuryl fluoride	SO ₂ F ₂	2699-79-8
24	Dichloromethane (Methylene chloride; Freon 30)	CH ₂ Cl ₂	75-09-2
25	Benzene	C ₆ H ₆	71-43-2