Table of Latent Heats of Evaporation

Substance	Formula	Temperature of Vaporization	Latent Heat of Vaporization
Water	H_2O	100°	536 Calories
Ammonia	NH_3		295
Bromine	Br_2	61.5	43.7
Chlorine	Cl_2	−22	67.4
Iodine	I_2	174	23.9
Hydrofluoric acid	HF		360
Oxygen	O_2	−188	58
Nitrogen	N_2		49.8
Phosphorus	P	287	130.4
Mercury	Hg	350	62
Sulphur	S_2	316	362
Nitrous oxide	N_2O		100.6
Nitric acid	HNO_3		115
Sulphurous oxide	SO_2	0	91.2
Sulphuric oxide	SO_3	18	147.5
Sulphuric acid	H_2SO_4	326	122.1
Thionylchloride	$SOCl_2$	82	54.5
Arsenic chloride	$AsCl_3$		69.7*
Phosphorus trichloride	PCl_3		67.2*
Stannic chloride	$SnCl_4$		46.8*
Silicon chloride	$SiCl_4$		37.3
Carbon dioxide	CO_2		72.2
Carbon disulphide	CS_2	0	90
Carbon tetrachloride	CCl_4	0	52
Cyanogen	$(CN)_2$	0	103
Hydrocyanic acid	HCN	20	211*
Methyl alcohol	CH_3OH	0°	289.2
Ethyl alcohol	C_2H_5OH	0	236.5
Amyl alcohol	$C_5H_{11}OH$	131	120
Cetyl alcohol	$C_{16}H_{33}OH$		58.5
Hexane	C_6H_{14}	68	79.4
Methyl chloride	CH_3Cl	0	96.9

* Total heat of vaporization.