

CHEMICAL FORMULAE AND NOMENCLATURE

Chlorine Compounds

Cl	atomic chlorine
ClO	chlorine monoxide
(ClO) ₂	chlorine monoxide dimer, chemical structure ClOCl
ClONO ₂	chlorine nitrate
HCl	hydrogen chloride (hydrochloric acid)
CCl ₄	carbon tetrachloride
CH ₂ Cl ₂	dichloromethane
CH ₃ CCl ₃	methyl chloroform
CH ₃ Cl	methyl chloride
CCl ₃ F	CFC-11
CCl ₂ F ₂	CFC-12
CCl ₂ FCClF ₂	CFC-113
CHF ₂ Cl	HCFC-22
CH ₃ CCl ₂ F	HCFC-141b
CH ₃ CClF ₂	HCFC-142b

Bromine Compounds

Br	atomic bromine
BrO	bromine monoxide
BrCl	bromine monochloride
CH ₂ Br ₂	dibromomethane
CHBr ₃	bromoform
CH ₃ Br	methyl bromide
CBrClF ₂	halon-1211
CBrF ₃	halon-1301
CBrF ₂ CBrF ₂	halon-2402

Other Halogens

CHF ₃	HFC-23
CH ₂ F ₂	HFC-32
CHF ₂ CF ₃	HFC-125
CH ₂ FCF ₃	HFC-134a
CH ₃ CF ₃	HFC-143a
CH ₃ CHF ₂	HFC-152a
CF ₃ CFCH ₂	HFO-1234yf
CF ₄	carbon tetrafluoride
C ₂ F ₆	perfluoroethane
CF ₃ I	trifluoroiodomethane
C ₂ HF ₃ O ₂	trifluoroacetic acid
IO	iodine monoxide
SF ₆	sulfur hexafluoride

Other Gases

CH ₄	methane
CO	carbon monoxide
CO ₂	carbon dioxide
H	atomic hydrogen
H ₂ O	water vapor
HNO ₃	nitric acid
H ₂ SO ₄	sulfuric acid
N ₂	molecular nitrogen
N ₂ O	nitrous oxide
NO _x	nitrogen oxides
O	atomic oxygen
O ₂	molecular oxygen
O ₃	ozone