

Recognizing and Naming Covalent Compounds

Formula	Ionic or Covalent	Name
CO ₂	Covalent (2 non-metals)	Carbon Dioxide
H ₂ O	Covalent	DiHydrogen Oxide or Water
NO ₂	Covalent	Nitrogen Dioxide
N ₂ O ₃	Covalent	DiNitrogen trioxide
ClO ₂	Covalent	Chlorine Dioxide
NaCl	Ionic	Sodium Chloride
BaSO ₄	Ionic	Barium Sulfate
PI ₃	Covalent	Phosphorus tri-iodide
HI	Covalent	Hydrogen Iodide
N ₂ S ₃	Covalent	DiNitrogen tri sulfide
MgBr ₂	Ionic	Magnesium Bromide
SiF ₄	Covalent	Silicon tetrafluoride