

Binary* Covalent Nomenclature

Naming Format

Prefix Element A Prefix Element B *-ide*

Element A, *do not* write “mono” if element number is 1

Covalent Molecule Prefixes

Number of Atoms	1	2	3	4	5	6
Prefix	Mono	Di	Tri	Tetra	Penta	Hexa

* **Binary** molecules have the format X_aY_b (*Binary* = 2)

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Anion Non-Metal Endings

-ide Non-Metal Endings

Atomic Number	Element Name	Ion Name	Atomic Number	Element Name	Ion Name
6	Carbon	Carbide	16	Sulfur	Sulfide
7	Nitrogen	Nitride	17	Chlorine	Chloride
8	Oxygen	Oxide	34	Selenium	Selenide
9	Fluorine	Fluoride	35	Bromine	Bromide
15	Phosphorous	Phosphide	53	Iodine	Iodide

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