

COMPOUNDS, BONDING AND NOMENCLATURE
NOMENCLATURE OF BINARY IONIC COMPOUNDS

The following table contains binary ionic compounds where only one ionic charge is possible for each simple ion. The description or use of the compound is provided for information and interest only.

	Chemical Formula	Description or Use [for interest only]	Name of Compound
	e.g., CaCl_2	white solid; wetting agent	calcium chloride
1.		dietary supplement for iodine	potassium iodide
2.	MgO	white powder; magnesium ore	
3.		antiperspirant	aluminum chloride
4.	NaBr	In Epsom Salts	
5.	Al_2O_3	whiting; aluminum ore	
6.		black; lithium reacts with air	lithium nitride
7.	CaO	white powder; quicklime	
8.		white solid like CaCl_2	barium chloride
9.		white solid; table salt	sodium chloride
10.	ZnO	protective oxide on zinc metal	
11.		photographic emulsion	silver bromide
12.		magnesium reacts with hydrogen	magnesium hydride
13.		11% of minerals in sea water	magnesium chloride
14.		in soldering paste	zinc chloride
15.	Ag_2S	argentite (silver ore)	
16.		potash (fertilizer)	potassium chloride
17.	CaF_2	fluorite (pretty mauve crystals)	
18.		for toning pictures brown	sodium sulfide
19.	CaH_2	preparation of hydrogen	
20.		zinc blende (zinc ore)	zinc sulfide