

COMMON NAME AND FORMULA OF IMPORTANT CHEMICAL COMPOUNDS

Common Name	Chemical Compound	Chemical Formula
Baking Powder	Sodium Bicarbonate	NaHCO_3
Bleaching Powder	Calcium Oxychloride	CaOCl_2
Blue Vitriol	Copper Sulphate	$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$
Caustic Potash	Potassium Hydroxide	KOH
Caustic Soda	Sodium Hydroxide	NaOH
Chalk (Marble)	Calcium Carbonate	CaCO_3
Chloroform	Trichloro Methane	CHCl_3
Dry Ice	Solid Carbon dioxide	CO_2
Epsom	Magnesium Sulphate	MgSO_4
Green Vitriol	Ferrous Sulphate	FeSO_4
Gypsum	Calcium Sulphate	CaSO_4
Heavy Water	Deuterium Oxide	D_2O
Laughing Gas	Nitrous Oxide	N_2O
Magnesia	Magnesium Oxide	MgO
Marsh Gas	Methane	CH_4
Mohr's Salt	Ammonium Ferrous Sulphate	$\text{FeSO}_4 \cdot (\text{NH}_4)_2\text{SO}_4 \cdot 6\text{H}_2\text{O}$
Plaster of Paris	Calcium Sulphate	$\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$
Potash Alum	Potassium Aluminium Sulphate	KAlSO_4
Quick Lime	Calcium Oxide	CaO
Sand	Silicon Oxide	SiO_2
Slaked Lime	Calcium Hydroxide	Ca(OH)_2
Sugar	Sucrose	$\text{C}_{12}\text{H}_{22}\text{O}_{11}$
T.N.T.	Trinitrotoluene	$\text{C}_7\text{H}_5\text{N}_3\text{O}_6$
Vermelium	Mercuric Sulphide	HgS
Vinegar	Acetic Acid	CH_3COOH
Washing Soda	Sodium Carbonate	Na_2CO_3
White Vitriol	Zinc Sulphate	$\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$

Chapter 7 Chemical Formulas And Compounds

Carl L. Yaws



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