

# Competition Cosmos

## Common & Chemical Names of Compounds

Common Name	Chemical Name	Chemical Formulae
Dry Ice	Solid Carbondioxide	CO <sub>2</sub>
Slaked Lime	Calcium Hydroxide	Ca (OH) <sub>2</sub>
Bleaching Powder	Calcium Oxychloride	CaOCl <sub>2</sub>
Nausadar	Ammonium Chloride	NH <sub>4</sub> Cl
Caustic Soda	Sodium Hydroxide	NaOH
Rock Salt	Sodium Chloride	NaCl
Caustic Potash	Potassium Hydroxide	KOH
Potash Alum	Potassium Aluminium Sulphate	K <sub>2</sub> SO <sub>4</sub> .Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> .24H <sub>2</sub> O
Epsom	Magnesium Sulphate	MgSO <sub>4</sub> . 7H <sub>2</sub> O
Quick Lime	Calcium Sulphate	CaO
Plaster of Paris	Calcium Sulphate	(CaSO <sub>4</sub> ) <sup>1/2</sup> H <sub>2</sub> O
Gypsum	Calcium Sulphate	CaSO <sub>4</sub> .2H <sub>2</sub> O
Green Vitriol	Ferrous Sulphate	FeSO <sub>4</sub> .7H <sub>2</sub> O
Mohr's Salt	Ammonium Ferrous Sulphate	FeSO <sub>4</sub> (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> .6H <sub>2</sub> O
Blue Vitriol	Copper Sulphate	CuSO <sub>4</sub> .5H <sub>2</sub> O
White Vitriol	Zinc Sulphate	ZnSO <sub>4</sub> ..7H <sub>2</sub> O
Marsh Gas	Methane	CH <sub>4</sub>
Vinegar	Acetic Acid	CH <sub>3</sub> COOH
Potash Ash	Potassium Carbonate	K <sub>2</sub> CO <sub>3</sub>

Hypo	Sodium Thiosulphate	$\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$
Baking Powder	Sodium Bicarbonate	$\text{NaHCO}_3$
Washing Soda	Sodium Carbonate	$\text{Na}_2\text{CO}_3 \cdot 10\text{H}_2\text{O}$
Magnesia	Magnesium Oxide	$\text{MgO}$
Chalk (Marble)	Calcium Carbonate	$\text{CaCO}_3$
Lunar Caustic	Silver Nitrate	$\text{AgNO}_3$
Laughing Gas	Nitrous Oxide	$\text{N}_2\text{O}$
Chloroform	Trichloro Methane	$\text{CHCl}_3$
Vermelium	Mercuric Sulphide	$\text{HgS}$
Borax	Borax	$\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$
Alcohol	Ethyl Alcohol	$\text{C}_2\text{H}_5\text{OH}$
Sugar	Sucrose	$\text{C}_{12}\text{H}_{22}\text{O}_{11}$
Heavy Water	Duterium Oxide	$\text{D}_2\text{O}$
Glober's Salt	Sodium Sulphate	$\text{Na}_2\text{SO}_4 \cdot 10\text{H}_2\text{O}$
T.N.T.	Tri Nitrotoluene	$\text{C}_5\text{H}_2\text{CH}_3(\text{NO}_2)_3$
Calomel	Mercurous Chloride	$\text{Hg}_2\text{Cl}_2$
Sand	Silicon Oxide	$\text{SiO}_2$

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