

Chemicals with common names

Common Name	Chemical Name	Formula
baking soda	sodium hydrogen carbonate sodium bicarbonate	NaHCO_3
bleach	sodium hypochlorite	NaClO
brimstone	sulfur	S
(grain) alcohol	ethanol	$\text{C}_2\text{H}_5\text{OH}$
graphite	carbon	C
gypsum	calcium sulfate dihydrate	$\text{CaSO}_4 \cdot 2 \text{H}_2\text{O}$
laughing gas	dinitrogen oxide	N_2O
lime	calcium oxide	CaO
limestone chalk marble	calcium carbonate	CaCO_3
lye	sodium hydroxide	NaOH
milk of magnesia	magnesium hydroxide	$\text{Mg}(\text{OH})_2$
muriatic acid	hydrochloric acid	HCl
plaster of paris	calcium sulfate hemihydrate	$\text{CaSO}_4 \cdot \frac{1}{2}\text{H}_2\text{O}$
potash	potassium carbonate	K_2CO_3
iron pyrite fool's gold	iron disulfide	FeS_2
quartz	silicon dioxide	SiO_2
quicksilver	mercury	Hg
rubbing alcohol	isopropyl alcohol	$(\text{CH}_3)_2\text{CHOH}$
sal ammoniac	ammonium chloride	NH_4Cl
salt	sodium chloride	NaCl
saltpeter	potassium nitrate	KNO_3
sugar	sucrose	$\text{C}_{12}\text{H}_{22}\text{O}_{11}$
water	water	H_2O