

Official name (language-specific)	Formula (international used)	Common/other names (culture-specific)	Fields of usage / Features (URL)
Silver nitrate	AgNO_3	silver infernalis	https://en.wikipedia.org/wiki/Silver_nitrate
Calcium hydroxide	$\text{Ca}(\text{OH})_2$	Slaked lime Milk of lime Calcium(II) hydroxide Pickling lime Hydrated lime Portlandite Calcium hydrate Calcium dihydroxide E526	https://en.wikipedia.org/wiki/Calcium_hydroxide
Tricalcium (bis)phosphate	$\text{Ca}_3(\text{PO}_4)_2$	Tribasic calcium phosphate	https://en.wikipedia.org/wiki/Tricalcium_phosphate
Calcium chloride hypochlorite	$\text{CaCl}(\text{OCl})$	chlorinated lime bleaching powder	http://cameo.mfa.org/wiki/Calcium_chloride_hypochlorite
Calcium carbonate	CaCO_3	calcite aragonite chalk lime (material) limestone marble oyster pearl E170	https://en.wikipedia.org/wiki/Calcium_carbonate
Calcium fluoride	CaF_2	fluorspar	https://en.wikipedia.org/wiki/Calcium_fluoride
Calcium Magnesium carbonate	$\text{CaMg}(\text{CO}_3)_2$	dolomite	https://wiki.aapg.org/Dolomite
Calcium oxide	CaO	Quicklime, burnt lime, unslaked lime, pebble lime, calcia E529	https://en.wikipedia.org/wiki/Calcium_oxide
Calcium sulphate	$\text{CaSO}_4 \cdot 2 \text{H}_2\text{O}$ $\text{CaSO}_4 \cdot 1/2 \text{H}_2\text{O}$	Plaster of Paris Drierite Gypsum E516	https://en.wikipedia.org/wiki/Calcium_sulfate

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Copper sulphate	$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$	Cupric sulphate Blue vitriol (pentahydrate) Bluestone (pentahydrate) Bonattite (trihydrate mineral) Boothite (heptahydrate mineral) Chalcanthite (pentahydrate mineral) Chalcocyanite (mineral) Copper Sulphate pentahydrate E519	https://en.wikipedia.org/wiki/Copper(II)_sulfate
Potassium carbonate	K_2CO_3	Carbonate of potash, dipotassium carbonate, sub-carbonate of potash, pearl ash, potash, salt of tartar, salt of wormwood E501	https://en.wikipedia.org/wiki/Potassium_carbonate
Potassium alum	$\text{KAISO}_4 \cdot 12\text{H}_2\text{O}$	Potash alum Alum-(K) E522	https://en.wikipedia.org/wiki/Potassium_alum
Potassium chloride	KCl	Sylvite Muriate of potash E508	https://en.wikipedia.org/wiki/Potassium_chloride
Potassium nitrate	KNO_3	Saltpeter Saltpetre Nitrate of potash E252	https://en.wikipedia.org/wiki/Potassium_nitrate
Magnesium carbonate	MgCO_3	Magnesite Barringtonite (dihydrate) Nesequehonite (trihydrate) Lansfordite (pentahydrate) E504	https://en.wikipedia.org/wiki/Magnesium_carbonate

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Magnesium oxide	MgO	Magnesia Periclase E530	https://en.wikipedia.org/wiki/Magnesium_oxide
Magnesium sulphate	$\text{MgSO}_4 \cdot 7 \text{H}_2\text{O}$	Epsom salt (heptahydrate) English salt Bitter salts Bath salts E518	https://en.wikipedia.org/wiki/Magnesium_sulfate
Sodium carbonate	$\text{Na}_2\text{CO}_3 \cdot 10\text{H}_2\text{O}$	Soda ash washing soda soda crystals E500(i)	https://en.wikipedia.org/wiki/Sodium_carbonate
Sodium thiosulphate	$\text{Na}_2\text{S}_2\text{O}_3 \cdot 5 \text{H}_2\text{O}$	Sodium hyposulfite Hyposulphite of soda E539	https://en.wikipedia.org/wiki/Sodium_thiosulfate
Sodium sulphate	$\text{Na}_2\text{SO}_4 \cdot 10 \text{H}_2\text{O}$	Sodium sulphate Sulfate of sodium Thenardite (mineral) Glauber's salt (decahydrate) Sal mirabilis (decahydrate) Mirabilite (decahydrate mineral) Disodium sulfate E514	https://en.wikipedia.org/wiki/Sodium_sulfate
Trisodium phosphate	Na_3PO_4	Sodium phosphate tribasic E339	https://en.wikipedia.org/wiki/Trisodium_phosphate
Sodium chloride	NaCl	Common salt halite rock salt saline table salt regular salt sea salt	https://en.wikipedia.org/wiki/Sodium_chloride
Sodium hydrogen carbonate	NaHCO_3	Baking soda, bicarb (laboratory slang), bicarbonate of soda, nahcolite E500(ii)	https://en.wikipedia.org/wiki/Sodium_bicarbonate

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Sodium nitrate	NaNO ₃	Peru saltpetre (in Hungarian Chile!:-) Soda niter cubic niter E251	https://en.wikipedia.org/wiki/Sodium_nitrate
Sodium hypochlorite	NaOCl	Antiformin Bleach Chloride of soda In dilution: Carrel-Dakin solution Modified Dakin's solution Surgical chlorinated soda solution	https://en.wikipedia.org/wiki/Sodium_hypochlorite
Sodium hydroxide	NaOH	Caustic soda Lye Ascarite White caustic Sodium hydrate E524	https://en.wikipedia.org/wiki/Sodium_hydroxide
Ammonium chloride	NH ₄ Cl	Sal ammoniac Salmiac Nushadir salt Sal Armagnac Salt armoniack Salmiak E510	https://en.wikipedia.org/wiki/Ammonium_chloride
Ammonium hydrogen carbonate	NH ₄ HCO ₃	Bicarbonate of ammonia, ammonium hydrogen carbonate, hartshorn, AmBic, powdered baking ammonia E503(ii)	https://en.wikipedia.org/wiki/Ammonium_bicarbonate
Ammonium nitrate	NH ₄ NO ₃	Ammonium nitrate	https://en.wikipedia.org/wiki/Ammonium_nitrate