

# COMPOUNDS WITH UNUSUAL OR TRIVIAL NAMES (INORGANIC)

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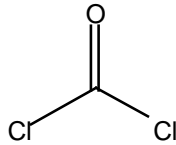
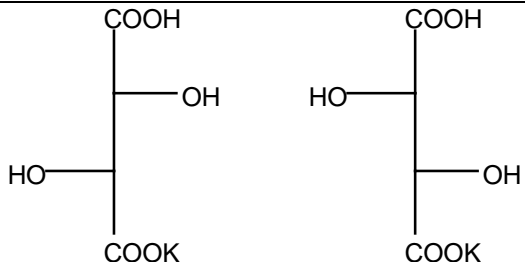
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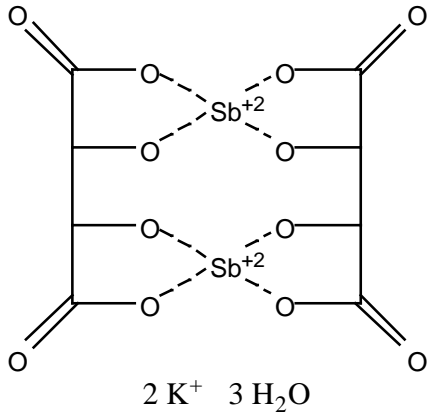
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<http://www.chem.yorku.ca/NAMED/>

## Names Based on Characteristics or Properties

NAME OF COMPOUND	CAS NUMBER	Characteristic or Property	Structure
Borax	1303-96-4	Arabic: <i>būraq</i> Contains boron	$\text{Na}_2\text{B}_4\text{O}_7 \cdot 10 \text{H}_2\text{O}$
Cacodylic acid	75-60-5	Gk: kakodes, Ill smelling	$  \begin{array}{c}  \text{O} \\     \\  \text{CH}_3 - \text{As} - \text{OH} \\    \\  \text{CH}_3  \end{array}  $
Caustic alcohol	141-52-6	Strongly alkaline, corrosive	$\text{NaOEt}$
Caustic antimony (butter of antimony)	10025-91-9	corrosive	$\text{SbCl}_3$
Caustic potash	1310-58-3	Strongly alkaline, Corrosive	$\text{KOH}$
Caustic soda	1310-73-2	corrosive	$\text{NaOH}$
Dry ice	124-38-9	Cold; Evaporates without leaving any wetness	$\text{CO}_2$
Freezing salt	7647-14-5	Used as a preserva-tive	$\text{NaCl}$
Fulminating mercury	92114-96-0	Latin: <i>fulminatus</i> (thundebolt, lightning) explosive	$\text{Hg}(\text{CNO})_2$
Glass liquor	104841-85-2		$\text{Na}_2\text{Si}_4\text{O}_9$
Heavy hydrogen	7782-39-0	Heavier isotope of hydrogen	$\text{D}_2$

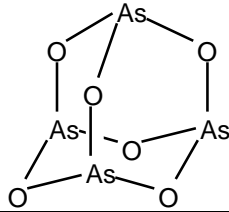
Heavy water	7789-20-0	Heavier isotope of hydrogen	D <sub>2</sub> O
Hepar calcis	12015-71-3	Latin: Liver stone	CaS (oldhamite)
Hepatic gas	7783-06-4	Related to liver	H <sub>2</sub> S
Ice stone	15096-52-3	Found in Greenland	AlF <sub>3</sub> 3 NaF (cryolite) Na <sub>3</sub> AlF <sub>6</sub>
Iron mordant	10028-22-5	Used as a mordant for dyes	Fe <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub>
Liquid arsenic, fuming	7784-34-1	fumes	AsCl <sub>3</sub>
Meat salt	12125-01-8		NH <sub>4</sub> F
Mild alkali	497-19-8	Weakly basic	Na <sub>2</sub> CO <sub>3</sub>
Mild lime	14791-73-2	Weakly basic	CaCO <sub>3</sub> (aragonite)
Mordant salt (printer's acetate, printer's salt)	142-03-0	Used as a mordant for dyes	Al(OH)(OAc) <sub>2</sub>
Natron	497-19-8	Contains sodium	Na <sub>2</sub> CO <sub>3</sub>
Paper maker's alum	10043-01-3		Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> 18 H <sub>2</sub> O
Phosgene	75-44-5	Generated by photolysis of CO and HCl	
Phosphate rock	7758-87-4	Contains phosphate	Ca <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub>
Plumbo	1314-41-6	Contains lead (Latin for <i>plumbum</i> )	Pb <sub>3</sub> O <sub>4</sub> (minium)
Polishing powder	1317-45-9		SnO <sub>2</sub> (cassiterite)
Potash	584-08-7	Contains potassium	K <sub>2</sub> CO <sub>3</sub>
Potash caustic Potash lye	1310-58-3	Contains potassium, corrosive	KOH
Potash alum	10043-67-1	Contains potassium	Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> K <sub>2</sub> SO <sub>4</sub> 24 H <sub>2</sub> O
Putty powder			SnO <sub>2</sub> (cassiterite)
Rock crystal	14808-60-7	crystalline	SiO <sub>2</sub> (quartz)
Soluble tartar	868-14-4	Soluble in aqueous solution	

Stibiated tartar	28300-74-5	Contains antimony (Latin for <i>stibium</i> )	 <p style="text-align: center;"><math>2 K^+ 3 H_2O</math></p>
Sugar of lead	301-04-2	Tastes sweet (but poisonous)	$Pb(OAc)_2$
Sulfuret	12015-71-3	Contains sulfur	CaS (oldhamite)
Sulfuretted hydrogen	7783-06-4	Contains sulfur	$H_2S$
Table salt	7647-14-5	Served at the dining table	NaCl
Tasteless salt	7558-80-7	Has no taste	$NaH_2PO_4 \cdot H_2O$
Wool mordant	10101-53-8 10031-37-5	Used as a mordant to dye wool	$Cr_2(SO_4)_3$ , $Cr_2(SO_4)_3 \cdot 15 H_2O$ , $Cr_2(SO_4)_3 \cdot 18 H_2O$

### Name Based on Colour

NAME OF COMPOUND	CAS NUMBER	Colour	Structure
Aurora orange (orange cadmium)	1317-58-4	Orange	CdS (greenockite)
Aurora yellow (jaune brilliant, Orient yellow)	1317-58-4	Yellow	CdS (greenockite)
Azurite (Brunswick)	1319-45-5	Blue	$2 CuCO_3 \cdot Cu(OH)_2$
Blue John (Derbyshire spar)	14542-23-5	Blue	$CaF_2$
Blue salts	7786-81-4	Blue	$NiSO_4 \cdot 6 H_2O$
Blue stone Blue vitriol	7758-98-7	Blue	$CuSO_4 \cdot 5 H_2O$
Buttercup yellow (Citron yellow)	13530-65-9	Yellow	$ZnCrO_4$
Chrome green	1308-38-9	Green	$Cr_2O_3$
Chrome red (Derby red Chinese red)	1344-38-3	Red	$PbCrO_4 \cdot PbO$
Emerald green	12000-21-	Green	$[CuO \cdot As_2O_3]_3 \cdot Cu(OAc)_2$

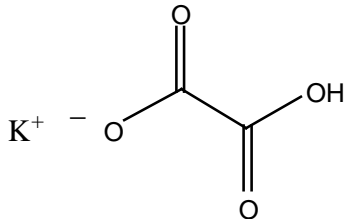
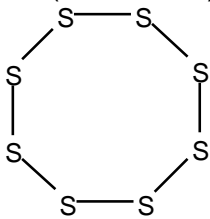
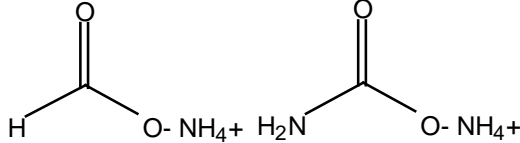
(Paris green, Imperial green, Kaiser green, King's green, Meadow green, Mitis green, Moss green, new green, parrot green, Patgreen, Vert de Mitis, Vert de Vienne, Vienna green)	4 12002-03-8		
Fusible white precipitate	129036-35-7 12125-01-8	White	Hg <sub>2</sub> NCl 3 NH <sub>4</sub> Cl
Green vitriol	7720-78-7	Green	FeSO <sub>4</sub> 7 H <sub>2</sub> O
Indian red (jeweler's rouge, kidney ore)	1317-60-8	Red	Fe <sub>2</sub> O <sub>3</sub> (hematite)
King's gold King's yellow	12255-89-9	Yellow	As <sub>2</sub> S <sub>3</sub> (orpiment)
King's yellow (lemon yellow)	14654-05-8	Yellow	PbCrO <sub>4</sub> (crocoite)
Lead white	1319-47-7	White	2 PbCO <sub>3</sub> Pb(OH) <sub>2</sub> (hydrocerussite)
Lemon chrome	10294-40-8	Yellow	BaCrO <sub>4</sub>
Magnesia white	13717-00-5 1317-74-4	White	MgCO <sub>3</sub> (magnesite) or MgO (periclase)
Manganese black	12209-34-6	Black	MnO <sub>2</sub> (pyrolusite, polianite)
Manganese green	1344-43-0	Green	MnO
Mineral green	1345-20-6 1319-45-5	Green	CuHAsO <sub>3</sub> (Scheele's green) or 2CuCO <sub>3</sub> Cu(OH) <sub>2</sub> (azurite, Brunswick)
Mineral orange	1314-41-6	Orange	Pb <sub>3</sub> O <sub>4</sub> (minium)
Mineral white	7727-43-7	White	BaSO <sub>4</sub> (barite)
Mosaic gold	1315-01-1	Gold	SnS <sub>2</sub>
Mountain green (Brunswick)	1319-45-5	Green	2CuCO <sub>3</sub> Cu(OH) <sub>2</sub> (azurite)
Nickel black	1314-06-3	Black	Ni <sub>2</sub> O <sub>3</sub>
Oil green	1308-38-9	Green	Cr <sub>2</sub> O <sub>3</sub>
Permanent white	7727-43-7	White	BaSO <sub>4</sub> (barite)
Pink salt	16960-53-5	Pink	(NH <sub>4</sub> ) <sub>2</sub> [SnCl <sub>6</sub> ]
Pure scarlet	7774-29-0	Red	HgI <sub>2</sub>
Purple salt	7722-64-8	Purple	KMnO <sub>4</sub>
Quicksilver vermilion	1344-48-5	Red	HgS (cinnabar)
Red arsenic glass	193095-	Red	As <sub>2</sub> S <sub>2</sub> (realgar)

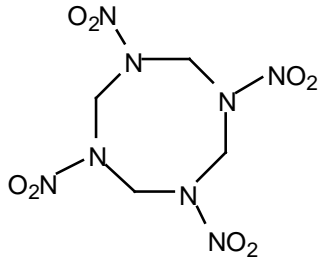
	24-8		
Red copper oxide	1308-76-5	Red	Cu <sub>2</sub> O (cuprite)
Red iron oxide Red oxide Red stone	1317-60-8	Red	Fe <sub>2</sub> O <sub>3</sub> (hematite)
Red lead	1314-41-6	Red	Pb <sub>3</sub> O <sub>4</sub> (minium)
Red oxide of mercury Red precipitate	24401-75-0 21908-53-2	Red	HgO (montroydite)
Red prussiate of potash	13746-66-2	Red	K <sub>3</sub> [Fe(CN) <sub>6</sub> ]
Rose vitriol	24250-37-1	Rose	CoSO <sub>4</sub> 7 H <sub>2</sub> O (bieberite)
Ruby arsenic		Red	As <sub>2</sub> S <sub>2</sub> (realgar)
Saturn red	1314-41-6	Red	Pb <sub>3</sub> O <sub>4</sub> (minium)
Spanish white Spanish whiting	13397-26-7	White	BiONO <sub>3</sub> H <sub>2</sub> O or CaCO <sub>3</sub> (calcite)
Tungsten white	7787-42-0	White	BaWO <sub>4</sub>
Ultramarine yellow	10294-40-8	Yellow	BaCrO <sub>4</sub>
Verdigris, blue or green	8007-61-2	Blue Green	Cu(OAc) <sub>2</sub> CuO 6 H <sub>2</sub> O
Vermilion	19122-79-3 1344-48-5	Red	HgS (cinnabar)
White alkali (soda ash)	497-19-8	White	Na <sub>2</sub> CO <sub>3</sub>
White arsenic	1303-24-8 12505-67-8	White	As <sub>2</sub> O <sub>3</sub> (arsenolite) 
White caustic	1310-73-2	White	NaOH
White copperas	15491-15-3	White	ZnSO <sub>4</sub> 7 H <sub>2</sub> O (goslarite)
White lead	1319-47-7	White	2 PbCO <sub>3</sub> Pb(OH) <sub>2</sub> (hydrocerussite)
White lead, sublimed	1314-57-4	White	PbSO <sub>4</sub> PbO (lanarkite)
White precipitate, fusible	129036-35-7 12125-01-8	White	Hg <sub>2</sub> NCl 3 NH <sub>4</sub> Cl
White precipitate, infusible	129036-35-7 12125-01-8	White	Hg <sub>2</sub> NCl NH <sub>4</sub> Cl
White vitriol	15491-15-3	White	ZnSO <sub>4</sub> 7 H <sub>2</sub> O (goslarite)

Yellow lead oxide	1317-36-8	Yellow	PbO (litharge)
Yellow precipitate	24401-75-0	Yellow	(NH <sub>4</sub> ) <sub>3</sub> [P(Mo <sub>3</sub> O <sub>10</sub> ) <sub>4</sub> ] 3 H <sub>2</sub> O or HgO (montroydite)
Yellow prussiate of potash	13943-58-3	Yellow	K <sub>4</sub> [Fe(CN) <sub>6</sub> ] 3 H <sub>2</sub> O
Zinc white	1314-13-2	White	ZnO
Zinc yellow	13530-65-9	Yellow	ZnCrO <sub>4</sub>

### Miscellaneous Names

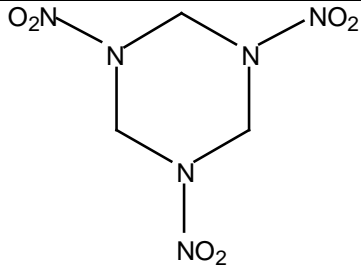
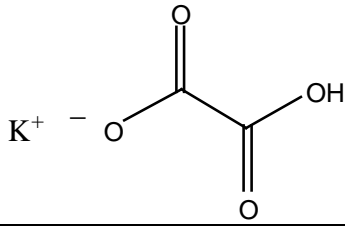
NAME OF COMPOUND	CAS NUMBER	Origin	Structure
Aqua fortis	7697-37-2	Latin: Strong water	HNO <sub>3</sub>
Aqua regia	8007-56-5	Latin: Queen of water	HNO <sub>3</sub> : HCl (3 parts 70% HNO <sub>3</sub> + 1 part 37% HCl by volume)
Baking soda	144-55-8	Used as a leavening agent in baking	NaHCO <sub>3</sub>
Battery acid	7664-93-9	Used in batteries	H <sub>2</sub> SO <sub>4</sub>
Battery manganese	1313-13-9	Used as electrode in batteries	MnO <sub>2</sub>
Blanc de perle (Blanc d'Espagne)	7787-59-9	French: White of pearl White of Spain	BiOCl
Blanc fixe (fixed white)	7727-43-7	French: Fixed white	BaSO <sub>4</sub>
Brimstone	7704-34-9	Middle English: <i>brinston</i> , <i>birnen + ston</i> (Burning stone)	S (amorphous)
Butter of antimony (mineral butter)	10025-91-9		SbCl <sub>3</sub>
Butter of arsenic	7784-34-1		AsCl <sub>3</sub>
Caput mortum	1309-37-1	Latin: Dead head	Fe <sub>2</sub> O <sub>3</sub>
Cat's eye (horn stone)	24458-74-0		SiO <sub>2</sub> x H <sub>2</sub> O (opal)
Cinnabar	1344-48-5	Latin: <i>cinnabaris</i> Arabic: <i>zinjafir</i>	HgS
Common salt	7647-14-5		NaCl
Copperas	7720-78-7	Latin: <i>cuprirosa</i> , <i>cuprum</i> + <i>rosa</i>	FeSO <sub>4</sub> 7 H <sub>2</sub> O
Dental gas	10024-97-	Used as	N <sub>2</sub> O

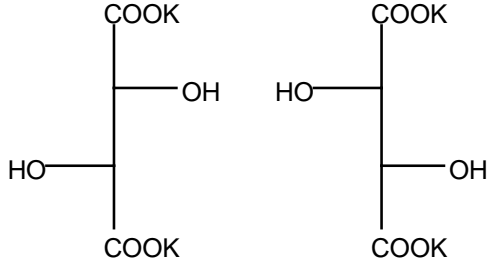
(laughing gas)	2	anesthetic in dentistry	
Essential salt of lemon	127-95-7		
Fixed niter	584-08-7		K <sub>2</sub> CO <sub>3</sub>
Floris martis	7705-08-0	Latin: Flowers of Mars	FeCl <sub>3</sub> 6 H <sub>2</sub> O
Flowers of antimony	1317-98-2		Sb <sub>2</sub> O <sub>3</sub> (valentinite)
Flowers of bismuth	1304-76-3		Bi <sub>2</sub> O <sub>3</sub>
Flowers of sulfur	10544-50-8		S <sub>8</sub> (monoclinic) 
Flowers of tin	1317-45-9		SnO <sub>2</sub> (cassiterite)
Flowers of zinc	1314-13-2		ZnO
Fumarole acid	10043-35-3	Latin: <i>fumarium</i> Smoke chamber for aging wine	B(OH) <sub>3</sub>
Galena	1314-87-0	Latin: Lead ore	PbS
Glass maker's soap	1313-13-9		MnO <sub>2</sub>
Hahnem auris mercury	7546-30-7	Latin: <i>auris</i> (ears)	HgCl (calomel)
Hartshorn	1336-21-6	German: <i>hirschhorn-salz</i> Found in deer or stag horn	NH <sub>4</sub> OH
Hartshorn salt	540-69-2 1111-78-0	German: <i>hirschhorn-salz</i> Found in deer or stag horn	
Horn silver	57030-43-0		AgCl (cerargyrite)

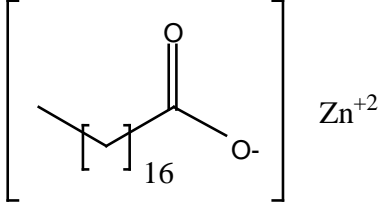
HMX (cyclotetra- methylene tetramintri-amine)	2691-41-0	High melting explosive	
HTH	7778-54-3		Ca(ClO)2 4 H2O
Hypo	7772-98-7		Na2S2O3 5 H2O
Iron vitriol	7720-78-7		FeSO4 7 H2O (copperas)
Jeweler's borax	1330-43-4		Na2B4O7 10 H2O
Kontrastin	1314-23-4		ZrO2
Koronium bromide	10476-81- 0		SrBr2 6 H2O
Krome flake	1333-82-0		CrO3 (chromic acid)
Kupfernickel	1303-13-5	German: Copper nickel	NiAs (nicollite)
Land plaster	13397-24- 5		CaSO4 2 H2O (gypsum)
Lapis caustic	7778-50-9 1310-58-3	Latin: Burning stone	K2Cr2O7 or KOH
Lencogen	7631-90-5		NaHSO3
Lime, burnt	1305-78-8		CaO
Lime, quick	1305-78-8		CaO
Lime, slaked	1305-62-0		Ca(OH)2
Lime, sulfurated	12015-71- 3		CaS (oldhamite)
Lime, unslaked	1305-78-8		CaO
Lime saltpeter	10124-37- 5		Ca(NO3)2 4 H2O
Litharge	1317-36-8		PbO
Lithia	12057-24- 8	Contains lithium	Li2O
Liver ore	19122-79- 3		HgS (cinnabar)
Lodestone	1309-38-2	Middle English: <i>lode</i> (course)	Fe3O4 (magnetite)
Lunar caustic	7761-88-8	Latin: <i>luna</i> (silver, moon) burning silver	AgNO3
Lunar cornea	57030-43- 0	Latin: <i>luna</i> (silver, moon) <i>corneus</i> (horny)	AgCl (cerargyrite)
Lye	1310-73-2		NaOH
Magister of bismuth	10361-46- 3		BiONO3 H2O
Malachite	1319-53-5	Latin, Greek:	CuCO3 Cu(OH)2



(Bremen green)	1319-45-5	<i>molochites</i> <i>molochitis</i> <i>moloche</i> (mallow)	
Manganese alum			$Mn_2(SO_4)_3 \cdot K_2SO_4 \cdot 24 H_2O$
Metso	3834-92-0		$Na_2SiO_3$
Microcosmic salt	13011-54-6		$Na[NH_4]HPO_4 \cdot 4 H_2O$
Mineral acid			
Mineral oil			
Muriatic acid	7647-01-0	French: <i>muriatique</i> Latin: <i>muriaticus</i> (pickled in brine)	HCl
Needle of antimony	1317-86-8		$Sb_2S_3$ (stibnite)
Nil alba	1314-13-2	Latin: White nothing	ZnO
Niter (saltpeter)	7757-79-1	Latin: <i>nitrium</i> Greek: <i>nitron</i> Natural soda used for washing	$KNO_3$
Niter cake	7681-38-1		$NaHSO_4$
Niton	10043-92-2	Latin: <i>nitere</i> (to shine); former symbol: Nt (1910 – 1915)	Rn
Oil of tartar	584-08-7		$K_2CO_3$
Oil of vitriol	7664-93-9		$H_2SO_4$
Oleum (pyrosulfuric acid)	7783-05-3	Latin: oil	$H_2S_2O_7$
Ozogen	7722-84-1		$H_2O_2$
Pearl ash	584-08-7	Usage: 1720 - 1730	$K_2CO_3$
Philosopher's wool	1314-13-2	Akin to philosopher's stone (alchemy): a substance sought by alchemists that was able to transmute baser metals to gold or silver	ZnO
Pickle alum	10043-01-3		$Al_2(SO_4)_3$
Pickling acid	7664-93-9		$H_2SO_4$
Pitchblende	1344-59-8	German	$U_3O_8$

		<i>pechblende</i> (black blend)	
Plumbago	7782-42-5	Latin: Related to lead; used in making pencil leads	C (graphite)
Quicklime	1305-78-8	First solid product obtained by calcining limestone	CaO
Quicksilver	7439-97-6	Old English: <i>cwicseolfor</i> Middle English: <i>qwyksilver</i> Latin: <i>Argentum vivum</i> (living silver) Latin: <i>hydragyrum</i> = liquid silver	Hg
Rock salt	7647-14-5		NaCl
Roman vitriol (blue vitriol)	13817-21-5	Latin: <i>vitreolum</i> (glassy)	CuSO <sub>4</sub> 5 H <sub>2</sub> O (chalcantite)
RDX (cyclonite)	121-82-4	<b>Research Develop-ment Explosive</b>	
Rutile	1317-80-2	Latin: <i>rutilus</i> (reddish)	TiO <sub>2</sub>
Sal acetosellae Salt of lemon Salt of sorrel	127-95-7		
Sal amarum Sal catharticum	14457-55-7	Latin: Bitter salt Laxative salt	MgSO <sub>4</sub> 7 H <sub>2</sub> O (epsomite)
Sal ammoniac Salimac	12125-01-8	Latin: Salt of ammonia	NH <sub>4</sub> Cl
Sal chalybdis	7720-78-7	Latin: salt of steel	FeSO <sub>4</sub> 7 H <sub>2</sub> O (copperas)
Sal culinaris		Latin: cooking salt	NaCl
Sal de duobus Sal polychrestum Salt of lemery Salt of Venus	14293-72-2		K <sub>2</sub> SO <sub>4</sub> (arcanite)

Sal enixium	7646-93-7	Latin: Strenuous salt	KHSO <sub>4</sub>
Saleratus	144-55-8	Latin: Aerated salt (forms CO <sub>2</sub> )	NaHCO <sub>3</sub>
Sal prunella	7757-79-1	Latin: Salt French: <i>prunelle</i> (a heavy woolen fabric used for the uppers of shoes)	KNO <sub>3</sub> (saltpeter)
Sal soda	497-19-8	Latin: Salt of barilla plant	Na <sub>2</sub> CO <sub>3</sub> 10 H <sub>2</sub> O
Sal vegetal	921-53-9	Latin: Vegetable or plant salt	 <p style="text-align: center;">1/2 H<sub>2</sub>O</p>
Sal volatile	12125-01-8 506-87-6	Latin: Volatile salt	NH <sub>4</sub> Cl or (NH <sub>4</sub> ) <sub>2</sub> CO <sub>3</sub> H <sub>2</sub> O
Salt cake	13759-07-4		Na <sub>2</sub> SO <sub>4</sub> (thenardite)
Salt of hartshorn	506-87-6	German: <i>hirschhorn-salz</i> (salt from deer horn)	(NH <sub>4</sub> ) <sub>2</sub> CO <sub>3</sub> H <sub>2</sub> O
Salt of phosphorus	13011-54-6		Na(NH <sub>4</sub> )HPO <sub>4</sub> 4 H <sub>2</sub> O
Salt of Saturn	301-04-2		Pb(OAc) <sub>2</sub> 3 H <sub>2</sub> O
Salt of soda	12125-01-8		Na <sub>2</sub> CO <sub>3</sub> or Na <sub>2</sub> CO <sub>3</sub> H <sub>2</sub> O or Na <sub>2</sub> CO <sub>3</sub> 7 H <sub>2</sub> O or Na <sub>2</sub> CO <sub>3</sub> 10 H <sub>2</sub> O
Salt of tin	7772-99-8		SnCl <sub>2</sub> 2 H <sub>2</sub> O
Salt of vitriol	15491-15-3		ZnSO <sub>4</sub> 7 H <sub>2</sub> O (goslarite)
Saltpeter Saltpeter, Bengal	7757-79-1	Latin: Sal petrae (salt of the rock)	KNO <sub>3</sub>
Saltpeter, Chile	7631-99-4		NaNO <sub>3</sub>
Saltpeter, lime Saltpeter, Norwegian Saltpeter, rot Saltpeter, wall	10124-37-5		Ca(NO <sub>3</sub> ) <sub>2</sub> 4 H <sub>2</sub> O
Saltpeter, Norway	6484-52-2		NH <sub>4</sub> NO <sub>3</sub>

Salufer	16893-85-9		$\text{Na}_2\text{SiF}_6$
Sand acid	16961-83-4	Found in sand	$\text{H}_2\text{SiF}_6$
Single nickel salt	7786-81-4		$\text{NiSO}_4 \cdot 6 \text{H}_2\text{O}$
Soap dust Zinc stearate	557-05-1	French: <i>stearique</i> Greek: <i>stear</i> (tallow)	
Soda, baking	144-55-8		$\text{NaHCO}_3$
Soda, caustic Soda lye	1310-73-2		$\text{NaOH}$
Soda, washing Soda crystals	12125-01-8		$\text{Na}_2\text{CO}_3 \cdot 10 \text{H}_2\text{O}$
Soda alum	10102-71-3		$\text{Al}_2(\text{SO}_4)_3 \cdot \text{Na}_2\text{SO}_4 \cdot 24 \text{H}_2\text{O}$
Soda ash (natron)	12125-01-8		$\text{Na}_2\text{CO}_3$
Soda niter Soda niter saliter Soda saltpetret	7631-99-4		$\text{NaNO}_3$
Sodamide	7782-92-5		$\text{NaNH}_2$
Spinel	1302-67-6	Italian: <i>spinella</i> (thorn)	$\text{MgO} \cdot \text{Al}_2\text{O}_3$
Spirit of salt	7647-01-0		$\text{HCl}$
Talcum powder	12027-99-5	Middle Latin: <i>talcum</i> Arabic: <i>talq</i>	$\text{Mg}_3\text{Si}_4\text{O}_{11} \cdot \text{H}_2\text{O}$
Tarcanum sal de duobus	14293-72-2		$\text{K}_2\text{SO}_4$ (arcanite)
Terra alba	13397-24-5	Latin: White earth	$\text{CaSO}_4 \cdot 2 \text{H}_2\text{O}$ (gypsum)
Tiff	7727-43-7		$\text{BaSO}_4$ (barite)
Tin ash			$\text{SnO}_2$ (cassiterite)
Tin crystals Tin salt	7772-99-8		$\text{SnCl}_2 \cdot 2 \text{H}_2\text{O}$
Trona	15243-87-5	Swedish	$\text{Na}_3\text{H}(\text{CO}_3)_2 \cdot 2 \text{H}_2\text{O}$
TSP	10101-89-0	Trisodium phosphate	$\text{Na}_3\text{PO}_4 \cdot 12 \text{H}_2\text{O}$
TSPP	7722-88-5	Tetra-sodium Pyro- Phosphate	$\text{Na}_4\text{P}_2\text{O}_7$
Turpeth	1312-03-4	Middle Latin: <i>turpethum</i> Sanskrit: <i>triputa</i>	$\text{HgSO}_4 \cdot 2 \text{HgO}$

		Arabic: <i>turbid</i>	
Tutia	3486-35-9		ZnCO <sub>3</sub>
Venus crystals	142-71-2	Venus is related to the colour green	Cu(OAc) <sub>2</sub> H <sub>2</sub> O
Vitriol	7664-93-9	Latin: <i>vitreolum</i> (glassy)	H <sub>2</sub> SO <sub>4</sub>
Zinc blende	1314-98-3		ZnS
Zinc chrome	13530-65-9		ZnCrO <sub>4</sub>
Zinc powder	1314-13-2		ZnO
Zinc vitriol	15491-15-3 7733-02-0		ZnSO <sub>4</sub> 7 H <sub>2</sub> O (goslarite)

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