

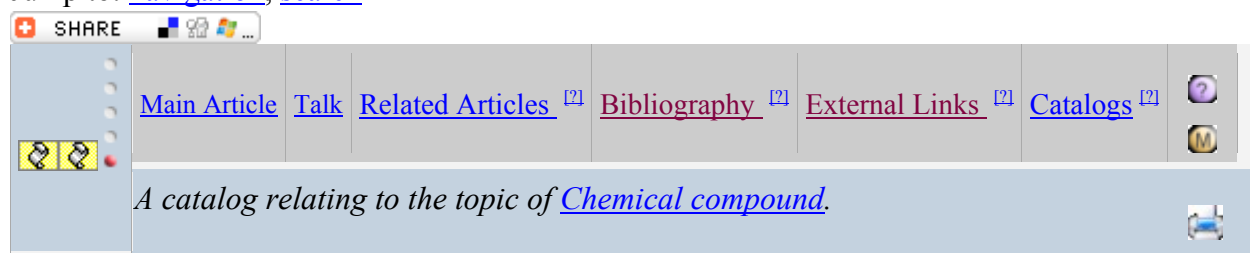
http://en.citizendium.org/wiki/Chemical_compound/Catalogs/Inorganic_compounds
(doslovná kópia)

Chemical compound/Catalogs/Inorganic compounds

From Citizendium, the Citizens' Compendium

< [Chemical compound](#) | [Catalogs](#)

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This page aims to list well-known [inorganic compounds](#), including [organometallic](#) compounds, to stimulate the creation of Citizendium articles. [Organic compounds](#), [minerals](#) and [chemical elements](#) are not included on this list. There is also an alternative listing related to this page, [inorganic compounds by element](#) (presently under construction).

This list is not necessarily complete or up to date – if you see an article that should be here but isn't (or one that shouldn't be here but is), please update the page accordingly.

Relevant links for chemical compounds are:

- The [CAS Substance Databases](#), which contains information on about 23 million compounds.
- Chemfinder [\[1\]](#) is helpful for finding information about a chemical (disable and delete [cookies!](#)).
- ChemIDplus at <http://chem.sis.nlm.nih.gov/chemidplus/> is a useful non-commercial source for chemical lookups
- <http://physchem.ox.ac.uk/MSDS/> Material Data Safety Sheets, plus other relevant links.

These (commercial) links may also provide useful information:

- Sigma Aldrich [\[2\]](#)
- Acros Organics [\[3\]](#)
- Lancaster [\[4\]](#)

Whilst most compounds are referred to by their [IUPAC systematic names](#) (following [IUPAC nomenclature](#)), "traditional" names have also been kept where they are in wide use or of significant historical interest.

See also: [inorganic compounds by element](#), [list of compounds](#), [list of organic compounds](#), [organic compound](#), [list of biomolecules](#), [list of minerals](#), [polyatomic ions](#), [list of elements by](#)

name, List of alchemical substances.

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A

- [Aluminium antimonide](#) – AlSb
- [Aluminium arsenide](#) – AlAs
- [Aluminium nitride](#) – AlN
- [Aluminium oxide](#) – Al₂O₃
- [Aluminium phosphide](#) – AlP
- [Aluminium chloride](#) – AlCl₃
- [Aluminium fluoride](#) – AlF₃
- [Aluminium hydroxide](#) – Al(OH)₃
- [Aluminium nitrate](#) – Al(NO₃)₃
- [Aluminium sulfate](#) – Al₂(SO₄)₃
- [Ammonia](#) – NH₃
- [Ammonium acetate](#) – CH₃COONH₄
- [Ammonium bicarbonate](#) – NH₄HCO₃
- [Ammonium cerium\(IV\) nitrate](#) – (NH₄)₂Ce(NO₃)₆
- [Ammonium chloride](#) – NH₄Cl
- [Ammonium hydroxide](#) – NH₄OH
- [Ammonium nitrate](#) – NH₄NO₃
- [Ammonium perchlorate](#)
- [Ammonium sulfate](#) – (NH₄)₂SO₄
- [Ammonium tetrathiocyanatodiamminechromate\(III\)](#) – NH₄[Cr(SCN)₄(NH₃)₂]
- [Antimony\(III\) acetate](#)
- [Antimony hydride](#) – SbH₃
- [Antimony pentachloride](#) – SbCl₅
- [Antimony pentafluoride](#) – SbF₅
- [Antimony trioxide](#) – Sb₂O₃
- [Arsine](#) – AsH₃
- [Arsenic trioxide](#) (Arsenic(III) oxide) – As₂O₃ easily confused with arsenous acid As(OH)₃

B

- [Barium carbonate](#) – BaCO₃
- [Barium chloride](#) – BaCl₂
- [Barium hydroxide](#) – Ba(OH)₂
- [Barium iodide](#) – BaI₂
- [Barium nitrate](#) – Ba(NO₃)₂
- [Barium sulfate](#) – BaSO₄
- [Barium titanate](#) – BaTiO₃
- [Beryllium hydroxide](#) – Be(OH)₂
- [Beryllium oxide](#) – BeO
- [Bismuth\(III\) oxide](#) Bi₂O₃
- [Bismuth\(III\) telluride](#) Bi₂Te₃
- [Bismuth subsalicylate](#)
- [Borane](#)

- [Borax](#) – $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$
- [Boric acid](#) – H_3BO_3
- [Boron carbide](#) – B_4C
- [Boron nitride](#) – BN
- [Boron oxide](#) – B_2O_3
- [Boron trichloride](#) – BCl_3
- [Boron trifluoride](#) – BF_3
- [Bromine pentafluoride](#) – BrF_5
- [Bromine trifluoride](#) – BrF_3
- [n-Butyllithium](#) – $\text{C}_4\text{H}_9\text{Li}$
- [sec-Butyllithium](#)
- [tert-Butyllithium](#)

C

- [Cacodylic acid](#) – $(\text{CH}_3)_2\text{AsO}_2\text{H}$
- [Cadmium arsenide](#) – Cd_3As_2
- [Cadmium bromide](#) – CdBr_2
- [Cadmium chloride](#) – CdCl_2
- [Cadmium fluoride](#) – CdF_2
- [Cadmium iodide](#) – CdI_2
- [Cadmium nitrate](#) – $\text{Cd}(\text{NO}_3)_2$
- [Cadmium selenide](#) – CdSe (of [quantum dot](#) fame)
- [Cadmium sulfate](#) – CdSO_4
- [Cadmium telluride](#) – CdTe
- [Caesium bicarbonate](#) – CsHCO_3
- [Caesium carbonate](#) – Cs_2CO_3
- [Caesium chromate](#) – Cs_2CrO_4
- [Caesium chloride](#) – CsCl
- [Caesium fluoride](#) – CsF
- [Calcium carbide](#) – CaC_2
- [Calcium carbonate](#) – CaCO_3
- [Calcium chloride](#) – CaCl_2
- [Calcium fluoride](#) – CaF_2
- [Calcium hydride](#) – CaH_2
- [Calcium hydroxide](#) – $\text{Ca}(\text{OH})_2$
- [Calcium sulfate](#) (redirect to [Gypsum](#)) – CaSO_4
- [Carbon dioxide](#) – CO_2
- [Carbon monoxide](#) – CO
- [Carbonic acid](#) – H_2CO_3
- [Carbon tetrabromide](#) – CBr_4
- [Carbon tetrachloride](#) – CCl_4
- [Carbon tetraiodide](#) – CI_4
- [Carbonyl fluoride](#) – COF_2
- [Carboplatin](#) – $\text{C}_6\text{H}_{12}\text{N}_2\text{O}_4\text{Pt}$
- [Cerium\(III\) chloride](#) – CeCl_3
- [Cerium\(IV\) sulfate](#) – $\text{Ce}(\text{SO}_4)_2$
- [Chromic acid](#) – CrO_3
- [Chromium\(II\) acetate](#) – $\text{Cr}_2(\text{OAc})_4$
- [Chromium\(III\) chloride](#) – CrCl_3

- [Chromium\(II\) chloride](#) – CrCl_2 (also chromous chloride)
- [Chromium\(III\) oxide](#) – Cr_2O_3
- [Chromium\(IV\) oxide](#) – CrO_2
- [Chromium\(VI\) oxide](#) (redirect to [Chromic acid](#)) – CrO_3
- [Chromyl chloride](#) – CrO_2Cl_2
- [Cisplatin](#) (cis-platinum(II) chloride diammine]] – $\text{PtCl}_2 \cdot 2\text{NH}_3$
- [Cobalamin](#) (redirect to [Vitamin B12](#))
- [Copper\(II\) acetate](#) – $\text{Cu}_2(\text{OAc})_4(\text{H}_2\text{O})_2$
- [Cobalt\(II\) carbonate](#) – CoCO_3
- [Cobalt\(II\) chloride](#) – CoCl_2
- [Cobalt\(II\) oxide](#) – CoO
- [Cobalt\(III\) oxide](#) – Co_2O_3
- [Copper\(II\) carbonate](#) – CuCO_3
- [Copper\(I\) chloride](#) – CuCl
- [Copper\(II\) chloride](#) – CuCl_2
- [Copper\(II\) nitrate](#) – $\text{Cu}(\text{NO}_3)_2$
- [Copper\(I\) oxide](#) – Cu_2O
- [Copper\(II\) oxide](#) – CuO
- [Copper\(II\) sulfate](#) – CuSO_4
- [Copper\(I\) sulfide](#) – Cu_2S
- [Copper\(II\) sulfide](#) – CuS
- [Cyanogen](#) – $(\text{CN})_2$
- [Cyanogen chloride](#) – CNCl
- [Cyanuric chloride](#) – $\text{C}_3\text{H}_3\text{N}_3$
- [Cyclopentadienyliron dicarbonyl dimer](#)– $(\text{C}_5\text{H}_5)_2\text{Fe}_2(\text{CO})_4$ ("Fp2")

D

- [Decaborane](#) (redirect to [Diborane](#)) – $\text{B}_{10}\text{H}_{14}$
- [Diborane](#) – B_2H_6
- [Dichlorosilane](#) – SiH_2Cl_2
- [Dimethylmercury](#) – CH_3HgCH_3
- [Dinitrogen pentoxide](#) – N_2O_5 , [nitrosyl nitrate](#)
- [Disilane](#) – Si_2H_6
- [Dysprosium\(III\) chloride](#) – DyCl_3

E

- [Europium\(III\) chloride](#) – EuCl_3

F

- [Fluorosulfuric acid](#) – $\text{FSO}_2(\text{OH})$

G

- [Gadolinium\(III\) chloride](#) – GdCl_3
- [Gadolinium\(III\) oxide](#) – Gd_2O_3

- Gallium antimonide – GaSb
- Gallium arsenide – GaAs
- Gallium(III) chloride – GaCl₃
- Gallium nitride – GaN
- Gallium phosphide – GaP
- Germanium(IV) hydride – GeH₄
- Germanium(III) hydride – Ge₂H₆
- Germanium(II) fluoride – GeF₂
- Germanium(IV) fluoride – GeF₄
- Germanium(II) chloride – GeCl₂
- Germanium(IV) chloride – GeCl₄
- Germanium(II) bromide – GeBr₂
- Germanium(IV) bromide – GeBr₄
- Germanium(II) iodide – GeI₂
- Germanium(IV) iodide – GeI₄
- Germanium(II) oxide – GeO
- Germanium(IV) oxide – GeO₂
- Germanium(II) sulfide – GeS
- Germanium(IV) sulfide – GeS₂
- Germanium(II) selenide – GeSe
- Germanium(IV) selenide – GeSe₂
- Germanium telluride – GeTe
- Germanium (IV) nitride – Ge₃N₄
- Gold(I) chloride – AuCl
- Gold(III) chloride – AuCl₃
- Gold(I,III) chloride – Au₄Cl₈
- Gold(III) chloride – (AuCl₃)₂
- Gold(III) fluoride – AuF₃
- Gold(V) fluoride – AuF₅
- Gold(I) bromide – AuBr
- Gold(III) bromide – (AuBr₃)₂
- Gold(I) iodide – AuI
- Gold(III) iodide – AuI₃
- Gold(III) oxide – Au₂O₃
- Gold(I) sulfide – Au₂S
- Gold(III) sulfide – Au₂S₃
- Gold(III) selenide – AuSe
- Gold(III) selenide – Au₂Se₃
- Gold ditelluride – AuTe₂

H

- Hafnium tetrachloride – HfCl₄
- Hydrazine – N₂H₄
- Hydrazoic acid – HN₃
- Hydrobromic acid – HBr
- Hydrochloric acid – HCl
- Hydroiodic acid – HI
- Hydrogen bromide – HBr
- Hydrogen chloride – HCl

- [Hydrogen fluoride](#) – HF
- [Hydrogen peroxide](#) – H₂O₂
- [Hydrogen selenide](#) – H₂Se
- [Hydrogen sulfide](#) – H₂S
- [Hydrogen telluride](#) – H₂Te
- [Hydroxylamine](#)
- [Hypochlorous acid](#) – HClO
- [Hypophosphorous acid](#) – H₃PO₂

I

- [Indium antimonide](#) – InSb
- [Indium arsenide](#) – InAs
- [Indium\(I\) chloride](#)
- [Indium nitride](#) – InN
- [Indium phosphide](#) – InP
- [Iodic acid](#) – HIO₃
- [Iodine heptafluoride](#) – IF₇
- [Iodine pentafluoride](#) – IF₅
- [Iodine monochloride](#) – ICl
- [Iridium\(IV\) chloride](#)
- [Iron\(II\) chloride](#) – FeCl₂ including hydrate
- [Iron\(III\) chloride](#) – FeCl₃
- [Iron\(II\) oxide](#) – FeO
- [Iron\(III\) nitrate](#)
- [Iron\(II,III\) oxide](#) – Fe₃O₄
- [Iron\(III\) oxide](#) – Fe₂O₃
- [Iron-sulfur cluster](#)
- [Iron\(III\) thiocyanate](#)

J

K

L

- [Lanthanum carbonate](#)
- [Lead azide](#)
- [Lead\(IV\) acetate](#)
- [Lead\(II\) carbonate](#) – Pb(CO₃)
- [Lead\(II\) chloride](#) – PbCl₂
- [Lead\(II\) iodide](#) – PbI₂
- [Lead\(II\) nitrate](#) – Pb(NO₃)₂
- [Lead\(II\) oxide](#) – PbO
- [Lead\(IV\) oxide](#) – PbO₂
- [Lead\(II\) phosphate](#) – Pb₃(PO₄)
- [Lead\(II\) sulfate](#) – Pb(SO₄)
- [Lead\(II\) selenide](#) – PbSe

- [Lead styphnate](#)
- [Lead\(II\) sulfide](#) – PbS
- [Lead\(II\) telluride](#) – PbTe
- [Lead zirconate titanate](#) – Pb[Ti_xZr_yO₃ (x = 0.52; a.k.a. [Lead zirconium titanate](#))
- [Lithium aluminium hydride](#) – LiAlH₄
- [Lithium bromide](#) – LiBr
- [Lithium carbonate](#) (redirect to [Lithium salt](#)) – Li₂CO₃
- [Lithium chloride](#) – LiCl
- [Lithium citrate](#) (redirect to [Lithium salt](#)) – Li₃C₆H₅O₇
- [Lithium diisopropylamide](#)
- [Lithium hydride](#) – LiH
- [Lithium hydroxide](#) – LiOH
- [Lithium iodide](#) – LiI
- [Lithium nitrate](#) – Li₃N
- [Lithium sulfate](#) – Li₂SO₄

M

- [Magnesium carbonate](#) – MgCO₃
- [Magnesium chloride](#) – MgCl₂
- [Magnesium oxide](#) – MgO
- [Magnesium phosphate](#) – [Mg₃\(PO₄\)₂](#)
- [Magnesium sulfate](#) – MgSO₄
- [Manganese\(IV\) oxide](#) – MnO₂, manganese dioxide
- [Manganese\(II\) acetate](#)
- [Manganese\(II\) sulfate monohydrate](#) – MnSO₄.H₂O
- [Manganese\(II\) chloride](#) – MnCl₂
- [Manganese\(III\) chloride](#) – MnCl₃
- [Manganese\(IV\) fluoride](#) – MnF₄
- [Manganese\(II\) phosphate](#)
- [Mercury\(I\) chloride](#) – Hg₂Cl₂
- [Mercury\(II\) chloride](#) – HgCl₂
- [Mercury fulminate](#) – Hg(ONC)₂
- [Mercury\(II\) selenide](#) – HgSe
- [Mercury\(II\) sulfide](#) – HgS
- [Mercury\(II\) telluride](#) – HgTe
- [Metaphosphoric acid](#)
- [Methylcyclopentadienyl Manganese Tricarbonyl](#) – (CH₃C₅H₄)Mn(CO)₃, "MMT"
- [Methylmercury](#) – CH₃Hg⁺ - NOT a compound
- [Methylmercury hydroxide](#)
- [Molybdate orange](#)
- [Molybdenum trioxide](#) – MoO₃
- [Molybdenum disulfide](#) – [MoS₂](#)
- [Molybdenum hexacarbonyl](#) – C₆O₆Mo
- [Molybdic acid](#) – H₂MoO₄

N

- [n-Butyllithium](#) – C₄H₉Li

- Neodymium(III) chloride – NdCl_3
- Nessler's reagent
- Nickel(II) carbonate – NiCO_3
- Nickel(II) chloride – NiCl_2 and hexahydrate
- Nickel(II) hydroxide – Ni(OH)_2
- Nickelocene – $\text{Ni(C}_5\text{H}_5)_2$
- Nickel(II) nitrate – $\text{Ni(NO}_3)_2$
- Nickel(II) oxide – NiO
- Niobium pentachloride – NbCl_5
- Nitric acid – HNO_3
- Nitric oxide – NO
- Nitrogen dioxide – NO_2
- Nitrosylsulphuric acid – NOHSO_4
- Nitrous oxide – N_2O

O

- Orthophosphoric acid – H_3PO_4
- Osmium tetroxide – OsO_4 , osmium(VIII) oxide
- Osmium trioxide – OsO_3 , osmium(VI) oxide
- Oxybis(tributyltin)
- Oxygen difluoride – OF_2
- Ozone – O_3

P

- Palladium(II) chloride
- Palladium(II) nitrate
- Pentaborane
- Pentasulfide antimony
- Perchloric acid – HClO_4
- Perchloryl fluoride
- Persulfuric acid (Caro's acid) – H_2SO_5
- Perxenic acid – H_4XeO_6
- Petasis reagent – $(\text{C}_5\text{H}_5)_2\text{Ti(CH}_3)_2$
- Phenylarsine oxide
- Phenyllithium
- Phenylmercuric acetate
- Phenylphosphine
- Phosgene – COCl_2
- Phosphine – PH_3
- Phosphite – HPO_3^{2-}
- Phosphomolybdic acid
- Phosphoric acid – H_3PO_4
- Phosphorous acid (Phosphoric(III) acid) – H_3PO_3
- Phosphorus oxychloride
- Phosphorus pentabromide – PBr_5
- Phosphorus pentachloride – PCl_5
- Phosphorus pentafluoride – PF_5

- Phosphorus tribromide – PBr₃
- Phosphorus trichloride – PCl₃
- Phosphorus trifluoride – PF₃
- Phosphorus triiodide – PI₃
- Phosphotungstic acid
- Platinum(IV) chloride
- Platinum(II) chloride
- Plutonium dioxide (Plutonium(IV) oxide) – PuO₂
- Potash Alum– K₂SO₄·Al₂(SO₄)₃·24H₂O
- Potassium bromide – KBr
- Potassium carbonate – K₂CO₃
- Potassium chloride – KCl
- Potassium citrate – C₆H₅K₃O₇ + H₂O
- Potassium hydrogencarbonate
- Potassium hydrogen fluoride
- Potassium hydroxide – KOH
- Potassium iodide – KI
- Potassium monopersulfate – K₂SO₄·KHSO₄·2KHSO₅
- Potassium nitrate – KNO₃
- Potassium permanganate – KMnO₄
- Potassium sulfate – K₂SO₄
- Potassium titanyl phosphate – KTiOPO₄
- Potassium vanadate – KVO₃
- Praseodymium(III) chloride – PrCl₃
- Protonated molecular hydrogen – H₃⁺
- Prussian blue (Iron(III) hexacyanoferrate(II)) – Fe₄[Fe(CN)₆]₃

Q

R

- Radium chloride – RaCl₂
- Radon difluoride – RnF₂
- Rhodium(III) chloride – RhCl₃
- Rubidium bromide – RbBr
- Rubidium chloride – RbCl
- Rubidium fluoride – RbF
- Rubidium hydroxide – RbOH
- Rubidium iodide – RbI
- Rubidium nitrate – RbNO₃
- Rubidium oxide – Rb₂O
- Rubidium telluride – Rb₂Te
- Ruthenium(VIII) oxide – RuO₄

S

- Samarium(II) iodide – SmI₂
- Samarium(III) chloride – SmCl₃
- Scandium(III) triflate – Sc(OSO₂CF₃)₃

- Scandium(III) chloride – ScCl_3 and hydrate
- Scandium(III) fluoride – ScF_3
- Scandium(III) nitrate – $\text{Sc}(\text{NO}_3)_3$
- Scandium(III) oxide – Sc_2O_3
- Sec-butyllithium –
- Selenic acid –
- Selenious acid –
- Selenium trioxide –
- Selenium dioxide – SeO_2
- Silane – SiH_4
- Silica gel –
- Silicic acid –
- Silicochloroform –
- Silicofluoric acid –
- Silicon dioxide – SiO_2
- Silver chloride – AgCl
- Silver(I) fluoride – AgF
- Silver(II) fluoride – AgF_2
- Silver iodide – AgI
- Silver nitrate – AgNO_3
- Silver sulfide –
- Soda lime –
- Sodium acetate – $\text{NaC}_2\text{H}_3\text{O}_2$
- Sodium bromide – NaBr
- Sodium bromate – NaBrO_3
- Sodium carbonate – Na_2CO_3
- Sodium chloride – NaCl
- Sodium chlorate – NaClO_3
- Sodium cyanide – NaCN
- Sodium hydride – NaH
- Sodium hydrogen carbonate (Sodium bicarbonate) – NaHCO_3
- Sodium hydrosulfide – NaSH
- Sodium hydroxide – NaOH
- Sodium iodide – NaI
- Sodium monofluorophosphate (MFP) – Na_2PFO_3
- Sodium nitrate – NaNO_3
- Sodium nitrite – NaNO_2
- Sodium percarbonate – $2\text{Na}_2\text{CO}_3 \cdot 3\text{H}_2\text{O}_2$
- *Sodium phosphate*; see Trisodium phosphate – Na_3PO_4
- Sodium silicate – Na_2SiO_3
- Sodium sulfate – Na_2SO_4
- Sodium sulfide – Na_2S
- Sodium sulfite – Na_2SO_3
- Sodium tellurite – Na_2TeO_3
- Stannous chloride (tin(II) chloride) – SnCl_2
- Stibine – SbH_3
- Strontium chloride – SrCl_2
- Strontium nitrate – $\text{Sr}(\text{NO}_3)_2$
- Strontium titanate – SrTiO_3
- Sulfamic acid – $\text{H}_3\text{NO}_3\text{S}$

- [Sulfane](#) – H₂S
- [Sulfur dioxide](#) – SO₂
- [Sulfur monochloride](#)
- [Sulfur dichloride](#)
- [Sulfurated potash](#)
- [Sulfuric acid](#) – H₂SO₄
- [Sulfurous acid](#) – H₂SO₃
- [Sulfuryl chloride](#) – SO₂Cl₂

T

- [Tantalum carbide](#) – TaC
- [Tantalum\(V\) oxide](#) – Ta₂O₅
- [Telluric acid](#) – H₆TeO₆
- [Tellurium dioxide](#) – TeO₂
- [Tellurium tetrachloride](#) – TeCl₄
- [Tellurous acid](#) – H₂TeO₃
- [Terbium\(III\) chloride](#)
- [Tert-butyllithium](#)
- [Tetraborane\(10\)](#)
- [Tetrabutyltin](#)
- [Tetrachloroauric acid](#)
- [Tetraethyl lead](#) – (CH₃CH₂)₄Pb
- [Tetraethyl tin](#)
- [Tetrafluorohydrazine](#)
- [Tetramminecopper\(II\) sulfate](#) – [Cu(NH₃)₄]SO₄
- [Tetraphenyltin](#)
- [Tetrasulfur tetranitride](#) – S₄N₄
- [Thallium\(III\) sulfate](#)
- [Thallium\(I\) fluoride](#)
- [Thallium\(III\) oxide](#)
- [Thallium\(I\) carbonate](#)
- [Thionyl chloride](#) – SOCl₂
- [Thiophosgene](#)
- [Thiophosphoryl chloride](#)
- [Thorium dioxide](#) – ThO₂
- [Thortveitite](#) – Scandium and Yttrium containing mineral
- [Thulium\(III\) chloride](#)
- [Tin\(II\) chloride](#) – SnCl₂
- [Tin\(II\) fluoride](#) – SnF₂
- [Tin\(IV\) chloride](#) – SnCl₄

- [Titanium boride](#) – TiB₂
- [Titanium carbide](#) – TiC
- [Titanium dioxide](#) – TiO₂, titanium(IV) oxide
- [Titanium dioxide \(B\)](#) – TiO₂, titanium(IV) oxide
- [Titanium nitride](#) – TiN
- [Titanium\(IV\) bromide](#) – TiBr₄ [titanium tetrabromide](#)
- [Titanium\(IV\) chloride](#) – TiCl₄ [titanium tetrachloride](#)
- [Titanium\(III\) chloride](#) – TiCl₃

- Titanium(II) chloride – TiCl_2
- Titanium(IV) iodide – TiI_4 titanium tetraiodide
- Titanocene dichloride – $(\text{C}_5\text{H}_5)_2\text{TiCl}_2$
- Triethylaluminium
- Trifluoromethylisocyanide
- Trifluoromethanesulfonic acid
- Tris(pentafluorophenyl)boron
- Trimethyltin chloride
- trioxidane
- Triphenylantimony (triphenylstibine)
- Tripotassium phosphate – K_3PO_4
- Trisodium phosphate – Na_3PO_4
- Tungsten carbide – WC
- Tungsten(VI) chloride – WCl_6
- Tungsten(VI) Fluoride – WF_6
- Tungstic acid – H_2WO_4
- Tungsten hexacarbonyl – $\text{W}(\text{CO})_6$

U

- Uranium hexafluoride – UF_6
- Uranyl nitrate – $\text{UO}_2(\text{NO}_3)_2$
- Uranyl zinc acetate
- Triuranium octaoxide (pitchblende or yellowcake) – U_3O_8

V

- Vanadium carbide – VC
- Vanadium oxytrichloride – VOCl_3 Vanadium(V) oxide trichloride
- Vanadium(IV) chloride – VCl_4
- Vanadium(II) chloride – VCl_2
- Vanadium(II) oxide – VO
- Vanadium(III) bromide – VBr_3
- Vanadium(III) chloride – VCl_3
- Vanadium(III) fluoride – VF_3
- Vanadium(IV) fluoride – VF_4
- Vanadium(III) oxide – V_2O_3
- Vanadium(IV) oxide – VO_2
- Vanadium(IV) sulphate – VOSO_4
- Vanadium(V) oxide – V_2O_5
- Vanadocene dichloride – $(\text{C}_5\text{H}_5)\text{VCl}_2$
- Vanadyl(acetylacetonate) – $\text{VO}(\text{acac})_2$

W

- Water – H_2O

X

- [Xenon difluoride](#) – XeF₂
- [Xenon hexafluoroplatinate](#) – Xe[PtF₆]
- [Xenon tetrafluoride](#) – XeF₄
- [Xenon tetroxide](#) – XeO₄
- [Xenic acid](#) – H₂XeO₄

Y

- [Ytterbium\(III\) chloride](#) – YbCl₃
- [Ytterbium\(III\) oxide](#) – Yb₂O₃
- [Yttrium\(III\) antimonide](#) – YSb
- [Yttrium\(III\) arsenide](#) – YAs
- [Yttrium\(III\) bromide](#) – YBr₃
- [Yttrium aluminium garnet](#)
- [Yttrium barium copper oxide](#)
- [Yttrium\(III\) fluoride](#) – YF₃
- [Yttrium iron garnet](#)
- [Yttrium\(III\) oxide](#) – Y₂O₃
- [Yttrium\(III\) sulfide](#) – Y₂S₃

Z

- [Zinc bromide](#) – ZnBr₂
- [Zinc carbonate](#) – ZnCO₃
- [Zinc chloride](#) – ZnCl₂
- [Zinc cyanide](#) – Zn(CN)₂
- [Zinc fluoride](#) – ZnF₂
- [Zinc iodide](#) – ZnI₂
- [Zinc oxide](#) – ZnO
- [Zinc selenide](#) – ZnSe
- [Zinc sulfate](#) – ZnSO₄
- [Zinc sulfide](#) – ZnS
- [Zinc telluride](#) – ZnTe
- [Zirconium carbide](#) – ZrC
- [Zirconium\(IV\) chloride](#) – ZrCl₄
- [Zirconium nitride](#) – ZrN
- [Zirconium hydroxide](#) – Zr(OH)₄ no zirconium tetrahydroxide or hydrated zirconia?
- [Zirconium\(IV\) oxide](#) – ZrO₂
- [Zirconium orthosilicate](#) – ZrSiO₄

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