

SECTION C — CHEMISTRY; METALLURGY

C01 INORGANIC CHEMISTRY

C01G COMPOUNDS CONTAINING METALS NOT COVERED BY SUBCLASSES C01D OR C01F (metal hydrides C01B 6/00; salts of oxyacids of halogens C01B 11/00; peroxides, salts of peroxyacids C01B 15/00; thiosulfates, dithionites, polythionates C01B 17/64; compounds containing selenium or tellurium C01B 19/00; binary compounds of nitrogen with metals C01B 21/06; azides C01B 21/08; metal amides C01B 21/092; nitrites C01B 21/50; phosphides C01B 25/08; salts of oxyacids of phosphorus C01B 25/16; carbides C01B 31/30; compounds containing silicon C01B 33/00; compounds containing boron C01B 35/00; compounds having molecular sieve properties but not having base-exchange properties C01B 37/00; compounds having molecular sieve and base-exchange properties, e.g. crystalline zeolites, C01B 39/00; cyanides C01C 3/08; salts of cyanic acid C01C 3/14; salts of cyanamide C01C 3/16; thiocyanates C01C 3/20; fermentation or enzyme-using processes for the preparation of elements or inorganic compounds except carbon dioxide C12P 3/00; obtaining metal compounds from mixtures, e.g. ores, which are intermediate compounds in a metallurgical process for obtaining a free metal C21B, C22B; production of non-metallic elements or inorganic compounds by electrolysis or electrophoresis C25B)

Note(s)

- Attention is drawn to Note (1) after class C01, which defines the last place priority rule applied in this class, i.e. in the range of subclasses C01B-C01G and within these subclasses.
- Therapeutic activity of compounds is further classified in subclass A61P.

Subclass index

GENERAL METHODS OF PREPARATION.....	1/00
METALLIC COMPOUNDS, IN ALPHABETICAL ORDER OF THE SYMBOL FOR THE METAL	
Ag Silver.....	5/00
As Arsenic.....	28/00
Au Gold.....	7/00
Bi Bismuth.....	29/00
Cd Cadmium.....	11/00
Co Cobalt.....	51/00
Cr Chromium.....	37/00
Cu Copper.....	3/00
Fe Iron.....	49/00
Ga Gallium.....	15/00
Ge Germanium.....	17/00
Hf Hafnium.....	27/00
Hg Mercury.....	13/00
In Indium.....	15/00
Ir Iridium.....	55/00
Mn Manganese.....	45/00
Mo Molybdenum.....	39/00
Nb Niobium.....	33/00
Ni Nickel.....	53/00
Os Osmium.....	55/00
Pb Lead.....	21/00
Pd Palladium.....	55/00
Pt Platinum.....	55/00
Re Rhenium.....	47/00
Rh Rhodium.....	55/00
Ru Ruthenium.....	55/00
Sb Antimony.....	30/00
Sn Tin.....	19/00
Ta Tantalum.....	35/00
Ti Titanium.....	23/00
Tl Thallium.....	15/00
U Uranium.....	43/00
V Vanadium.....	31/00
W Tungsten.....	41/00
Zn Zinc.....	9/00
Zr Zirconium.....	25/00
COMPOUNDS OF TRANSURANIC ELEMENTS.....	56/00

- 1/00 Methods of preparing compounds of metals not covered by subclasses C01B, C01C, C01D, C01E, in general** (electrolytic production of inorganic compounds C25B 1/00) [2]
- 1/02 • Oxides
- 1/04 • Carbonyls
- 1/06 • Halides
- 1/08 • Nitrates
- 1/10 • Sulfates
- 1/12 • Sulfides
- 1/14 • Sulfites
- 3/00 Compounds of copper**
- 3/02 • Oxides; Hydroxides
- 3/04 • Halides
- 3/05 • • Chlorides [3]
- 3/06 • • Oxychlorides
- 3/08 • Nitrates
- 3/10 • Sulfates
- 3/12 • Sulfides
- 3/14 • Complexes with ammonia
- 5/00 Compounds of silver**
- 5/02 • Halides [3]
- 7/00 Compounds of gold**
- 9/00 Compounds of zinc**
- 9/02 • Oxides; Hydroxides [3]
- 9/03 • • Processes of production using dry methods, e.g. vapour phase processes [3]
- 9/04 • Halides
- 9/06 • Sulfates
- 9/08 • Sulfides
- 11/00 Compounds of cadmium**
- 11/02 • Sulfides [3]
- 13/00 Compounds of mercury**
- 13/02 • Oxides
- 13/04 • Halides
- 15/00 Compounds of gallium, indium, or thallium**
- 17/00 Compounds of germanium**
- 17/02 • Germanium dioxide
- 17/04 • Halides of germanium
- 19/00 Compounds of tin**
- 19/02 • Oxides
- 19/04 • Halides
- 19/06 • • Stannous chloride
- 19/08 • • Stannic chloride
- 21/00 Compounds of lead**
- 21/02 • Oxides
- 21/04 • • Lead suboxide (Pb₂O)
- 21/06 • • Lead monoxide (PbO)
- 21/08 • • Lead dioxide (PbO₂)
- 21/10 • • Red lead (Pb₃O₄)
- 21/12 • Hydroxides
- 21/14 • Carbonates
- 21/16 • Halides
- 21/18 • Nitrates
- 21/20 • Sulfates
- 21/21 • Sulfides [3]
- 21/22 • Plumbates; Plumbites
- 23/00 Compounds of titanium**
- 23/02 • Halides of titanium
- 23/04 • Oxides; Hydroxides [3]
- 23/047 • • Titanium dioxide [3]
- 23/053 • • • Producing by wet processes, e.g. hydrolysing titanium salts [3]
- 23/07 • • • Producing by vapour phase processes, e.g. halide oxidation [3]
- 23/08 • • • Drying; Calcining [3]
- 25/00 Compounds of zirconium**
- 25/02 • Oxides
- 25/04 • Halides
- 25/06 • Sulfates
- 27/00 Compounds of hafnium**
- 27/02 • Oxides
- 27/04 • Halides
- 27/06 • Sulfates
- 28/00 Compounds of arsenic [3]**
- 28/02 • Arsenates; Arsenites [3]
- 29/00 Compounds of bismuth**
- 30/00 Compounds of antimony [3]**
- 30/02 • Antimonates; Antimonites [3]
- 31/00 Compounds of vanadium**
- 31/02 • Oxides [3]
- 31/04 • Halides [3]
- 33/00 Compounds of niobium**
- 35/00 Compounds of tantalum**
- 35/02 • Halides [3]
- 37/00 Compounds of chromium**
- 37/02 • Oxides or hydrates thereof
- 37/027 • • Chromium dioxide [3]
- 37/033 • • Chromium trioxide; Chromic acid [3]
- 37/04 • Chromium halides
- 37/06 • • Chromylhalides
- 37/08 • Chromium sulfates
- 37/10 • • Chrome alum
- 37/14 • Chromates; Bichromates
- 39/00 Compounds of molybdenum**
- 39/02 • Oxides; Hydroxides [3]
- 39/04 • Halides [3]
- 39/06 • Sulfides [3]
- 41/00 Compounds of tungsten**
- 41/02 • Oxides; Hydroxides [3]
- 41/04 • Halides [3]
- 43/00 Compounds of uranium**

- 43/01 • Oxides; Hydroxides [3]
- 43/025 • • Uranium dioxide [3]
- 43/04 • Halides of uranium
- 43/06 • • Fluorides
- 43/08 • • Chlorides
- 43/10 • • Bromides
- 43/12 • • Iodides

- 45/00 Compounds of manganese**
- 45/02 • Oxides; Hydroxides
- 45/04 • Carbonyls
- 45/06 • Halides
- 45/08 • Nitrates
- 45/10 • Sulfates
- 45/12 • Manganates; Permanganates

- 47/00 Compounds of rhenium**

- 49/00 Compounds of iron**
- 49/02 • Oxides; Hydroxides
- 49/04 • • Ferrous oxide (FeO)
- 49/06 • • Ferric oxide (Fe₂O₃)
- 49/08 • • Ferroso-ferric oxide (Fe₃O₄)
- 49/10 • Halides
- 49/12 • Sulfides
- 49/14 • Sulfates

- 49/16 • Carbonyls

- 51/00 Compounds of cobalt**
- 51/02 • Carbonyls
- 51/04 • Oxides; Hydroxides
- 51/06 • Carbonates
- 51/08 • Halides
- 51/10 • Sulfates
- 51/12 • Complexes with ammonia

- 53/00 Compounds of nickel**
- 53/02 • Carbonyls
- 53/04 • Oxides; Hydroxides
- 53/06 • Carbonates
- 53/08 • Halides
- 53/09 • • Chlorides [3]
- 53/10 • Sulfates
- 53/11 • Sulfides [3]
- 53/12 • Complexes with ammonia

- 55/00 Compounds of ruthenium, rhodium, palladium, osmium, iridium, or platinum**

- 56/00 Compounds of transuranic elements**

- 99/00 Subject matter not provided for in other groups of this subclass [2010.01]**