

SECTION C — CHEMISTRY; METALLURGY

C01 INORGANIC CHEMISTRY

C01C AMMONIA; CYANOGEN; COMPOUNDS THEREOF (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; 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; compounds containing silicon C01B 33/00; compounds containing boron C01B 35/00; fermentation or enzyme-using processes for the preparation of elements or inorganic compounds except carbon dioxide C12P 3/00; production of non-metallic elements or inorganic compounds by electrolysis or electrophoresis C25B)

Note(s)

1. 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.
2. Therapeutic activity of compounds is further classified in subclass A61P.

1/00 Ammonia; Compounds thereof

- 1/02 • Preparation or separation of ammonia
- 1/04 • • Preparation of ammonia by synthesis (preparation or purification of gas mixtures for ammonia synthesis C01B 3/02)
- 1/08 • • Preparation of ammonia from nitrogenous organic substances
- 1/10 • • Separation of ammonia from ammonia liquors, e.g. gas liquors
- 1/12 • • Separation of ammonia from gases and vapours
- 1/14 • • • Saturators
- 1/16 • Halides of ammonium
- 1/18 • Nitrates of ammonium
- 1/20 • Sulfides; Polysulfides
- 1/22 • Sulfites of ammonium
- 1/24 • Sulfates of ammonium (C01C 1/14 takes precedence)
- 1/242 • • Preparation from ammonia and sulfuric acid or sulfur trioxide [2]
- 1/244 • • Preparation by double decomposition of ammonium salts with sulfates [2]
- 1/245 • • Preparation from compounds containing nitrogen and sulfur [2]
- 1/246 • • • from sulfur-containing ammonium compounds [2]
- 1/247 • • • • by oxidation with free oxygen [2]
- 1/248 • • Preventing coalescing or controlling form or size of crystals [2]
- 1/249 • • Deacidifying the crystals [2]

- 1/26 • Carbonates or bicarbonates of ammonium

- 1/28 • Methods of preparing ammonium salts in general

Note(s)

1. This group does not cover ammonium salts of complex acids (other than complex cyanides) containing a metal in the anion, which are covered by the relevant groups of subclasses C01D-C01G, according to the metal.
2. Salts of polybasic acids with ammonium and a metal as cations are classified as though the ammonium were hydrogen.
3. Complex ammine salts are classified in the relevant groups of subclasses C01D-C01G, according to the metal.

3/00 Cyanogen; Compounds thereof

- 3/02 • Preparation of hydrogen cyanide
- 3/04 • • Separation from gases
- 3/06 • Stabilisation of hydrogen cyanide
- 3/08 • Simple or complex cyanides of metals
- 3/10 • • Simple alkali metal cyanides [3]
- 3/11 • • Complex cyanides [3]
- 3/12 • • Simple or complex iron cyanides [2]
- 3/14 • Cyanic acid; Salts thereof
- 3/16 • Cyanamide; Salts thereof
- 3/18 • • Calcium cyanamide
- 3/20 • Thiocyanic acid; Salts thereof