

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)

- 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.

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)

- 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.
- Salts of polybasic acids with ammonium and a metal as cations are classified as though the ammonium were hydrogen.
- 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