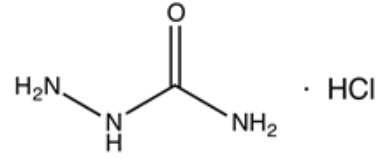


Identification

CH₅N₃O · HCl
 M = 111,53 g/mol
 CAS [563-41-7]
 EC number: 209-247-0
 Taric code: 2928 00 90


Synonyms

Hydrazinecarboxamide monohydrochloride, N-Aminourea hydrochloride, Carbamylhydrazine hydrochloride

Applications

analytical chemistry, laboratory reagent (for the analysis of: aldehydes and ketones), synthesis of organic products.

Specifications

assay (argentometric)..... min. 98 % identity (IR-spectrum).....passes test

Physical data

- Bulk density: ~ 740 kg/m³
- Solub. in water: (20 °C): freely soluble
- Melting point: 174 - 178 °C (decomposes)
- pH(100 g/l H₂O, 20 °C) ~ 1,5

Safety - GHS

Signal Word: Danger

Hazard Statements:


- H301: Toxic if swallowed.
 H330: Fatal if inhaled.
 H373: May cause damage to organs through prolonged or repeated exposure.
 H315: Causes skin irritation.
 H319: Causes serious eye irritation.

Precautionary Statements:

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P320: Specific treatment is urgent (see on this label).
 P405: Store locked up.
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 6.1 T2 III • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S. (Semicarbazide hydrochloride)
- IMDG: 6.1 III • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S. (Semicarbazide hydrochloride)
- IATA/ICAO: 6.1 III • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S. (Semicarbazide hydrochloride)
- PAX: 655
- CAO: 619
- 10°C - 30°C