

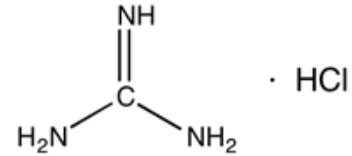
**Identification**CH<sub>5</sub>N<sub>3</sub>·HCl

M = 95,53 g/mol

CAS [50-01-1]

EC number: 200-002-3

Taric code: 2925 29 00

**Synonyms**

Guanidinium chloride, Aminomethanimidine hydrochloride, Carbamidine hydrochloride

**Applications**

synthesis of organic products, in biochemistry, for pharmaceuticals synthesizing.

**Specifications**

assay (argentometric)..... min. 99,5 %

identity (IR-spectrum).....passes test

residue on ignition..... max. 0,1 %

water (K.F.)..... max. 0,5 %

**Physical data**

- Spec. Density: (25 °C) 1,34 g/cm<sup>3</sup>
- Bulk density: ~ 550 - 620 kg/m<sup>3</sup>
- Solub. in water: (20 °C): soluble
- Melting point: 185 °C
- pH(100 g/l H<sub>2</sub>O, 20 °C) 4,5 - 5,5
- Hygroscopic

**Safety - GHS**

Signal Word: Warning

**Hazard Statements:**

H302: Harmful if swallowed.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

**Precautionary Statements:**

P280: Wear protective gloves / protective clothing / eye protection / face protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321: Specific treatment (see on this label).

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P332+P313: If skin irritation occurs: Get medical advice / attention.

P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- 5°C - 30°C