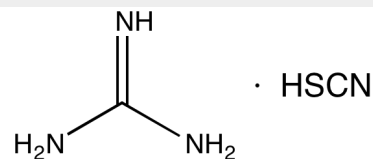


Identification

$C_2H_6N_4S$
 M = 118,16 g/mol
 CAS [593-84-0]
 EC number: 209-812-1
 Taric code: 2925 29 00


Synonyms

Aminomethanamidine thiocyanate, Carbamidine thiocyanate

Applications

laboratory reagent (for biology), for pharmaceuticals synthesizing, in buffer solutions.

Specifications

assay (argentometric)	min. 99 %	lead (Pb).....	max. 0,5 ppm
identity (IR-spectrum).....	passes test	zinc (Zn).....	max. 2 ppm
appearance.....	passes test	residue on ignition.....	max. 0,05 %
copper (Cu).....	max. 0,5 ppm	RNases	non detected
iron (Fe).....	max. 5 ppm		

Physical data

- Spec. Density: 1,29 g/cm³
- Bulk density: ~ 630 kg/m³
- Solub. in water: (20 °C): soluble
- Melting point: 118 °C
- pH(saturated solution H₂O, 20 °C) 4,8 - 6,0

Safety - GHS

Signal Word: Warning


Hazard Statements:

- H302: Harmful if swallowed.
- H312: Harmful in contact with skin.
- H332: Harmful if inhaled.
- H412: Harmful to aquatic life with long lasting effects.
- EUH032: Contact with acids liberates very toxic gas.

Precautionary Statements:

- P261: Avoid breathing dust / fume / gas / mist / vapours / spray.
- P280: Wear protective gloves / protective clothing / eye protection / face protection.
- P322: Specific measures (see on this label).
- P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P363: Wash contaminated clothing before reuse.
- P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Toxicological data

- WGK: 3
- Poison class CH (Swiss): 3

Transport/storage

- ADR: 6.1 T2 III • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S.(Guanidine thiocyanate)
- IMDG: 6.1 III • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S. (Guanidine thiocyanate)
- IATA/ICAO: 6.1 III • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S. (Guanidine thiocyanate)
- PAX: 655
- CAO: 619
- Store between 15°C and 25°C