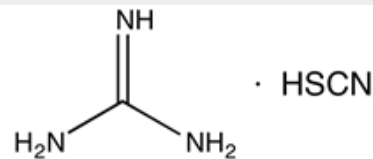


Guanidine thiocyanate, molecular biology grade**Identification**

C₂H₆N₄S
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 %	iron (Fe).....	max. 5 ppm
identity (IR-spectrum).....	passes test	lead (Pb).....	max. 0,5 ppm
appearance.....	passes test	zinc (Zn).....	max. 2 ppm
copper (Cu).....	max. 0,5 ppm	residue on ignition.....	max. 0,05 %
		RNases	non detected

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.
P321: Specific treatment (see on this label).
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
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.(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
- 15°C - 25°C