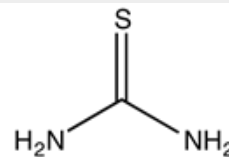


Identification

CH₄N₂S
M = 76,11 g/mol
CAS [62-56-6]
EC number: 200-543-5
Taric code: 2930 90 99

**Synonyms**

Thiocarbamide

Applications

analytical chemistry, laboratory reagent, synthesis of organic products, photography, manufacturing of synthetic resins, for the detection of: bismuth and selenium.

Specifications

assay (argentometric, on dried base).....	min. 99 %	melting point.....	174 - 177 °C
identity (IR-spectrum).....	passes test	loss on drying (105 °C).....	max. 0,5 %
solubility in water.....	passes test	residue on ignition (800 °C).....	max. 0,1 %
		sensitivity to bismuth.....	passes test

Physical data

- Appearance: crystals, white
- Spec. Density: 1,405 g/cm³
- Bulk density: 640 kg/m³
- Solub. in water: (20 °C): 137 g/l
- Melting point: 171 - 184 °C
- Ignition temperature: 440 °C
- pH(50 g/l H₂O, 20 °C) 5 - 7

Safety - GHS

Signal Word: Warning

Hazard Statements:

- H351: Suspected of causing cancer.
H361d: Suspected of damaging the unborn child.
H302: Harmful if swallowed.
H411: Toxic to aquatic life with long lasting effects.

**Precautionary Statements:**

- P280: Wear protective gloves / protective clothing / eye protection / face protection.
P273: Avoid release to the environment.
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P308+P313: IF exposed or concerned: Get medical advice / attention.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 9 M7 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Thiourea)
- IMDG: 9 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Thiourea)
- IATA/ICAO: 9 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Thiourea)
- PAX: 911
- CAO: 911