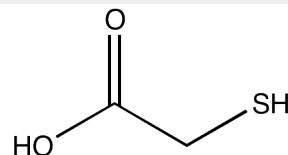


Thioglycolic acid, solution 80% w/w, EssentQ®

Identification

C₂H₄O₂S
M = 92,12 g/mol
CAS [68-11-1]
EC number: 200-677-4
Taric code: 2930 90 99



Synonyms

Mercaptoacetic acid

Applications

analytical chemistry, laboratory reagent, reagent for metals detection (iron, tin, silver, molybdenum), for spectrophotometric determinations (for determination of: palladium).

Specifications

assay (iodometric).....	79 - 82 %	lead (Pb).....	max. 5 ppm
density (20°/4°).....	1,26 - 1,28	nickel (Ni).....	max. 5 ppm
copper (Cu).....	max. 5 ppm	sensitivity to iron.....	passes test
heavy metals (as Pb).....	max. 0,001 %	residue on ignition.....	max. 0,03 %
iron (Fe).....	max. 5 ppm	water (K.F.).....	18 - 21 %

Physical data

- Density: 1,27 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -15 - -10 °C
- Flash point: 126 °C (anhydrous substance)
- Vapour pressure: (20 °C) 0,1 hPa (anhydrous substance)
- Refraction index: (n 20 °C/D) 1,5030
- pH(20 °C) 1

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H301: Toxic if swallowed.
H311: Toxic in contact with skin.
H331: Toxic if inhaled.
H314: Causes severe skin burns and eye damage.



Precautionary Statements:

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 8 C3 II • UN 1940 • THIOGLYCOLIC ACID
- IMDG: 8 II • UN 1940 • THIOGLYCOLIC ACID
- IATA/ICAO: 8 II • UN 1940 • THIOGLYCOLIC ACID
- PAX: 851
- CAO: 855
- 5°C - 30°C