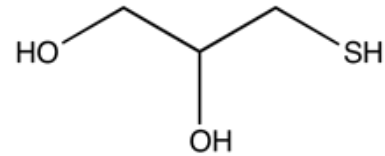


**3-Mercapto-1,2-propanediol, min. 97%, for analysis, ExpertQ®****Identification**

C<sub>3</sub>H<sub>8</sub>O<sub>2</sub>S  
M = 108,16 g/mol  
CAS [96-27-5]  
EC number: 202-495-0  
Taric code: 2930 90 99

**Synonyms**

α-Thioglycerol

**Applications**

for pharmaceuticals synthesizing.

**Specifications**

assay (iodometric).....min. 97 %  
identity (IR-spectrum).....passes test

heavy metals (as Pb)..... max. 5 ppm  
iron (Fe)..... max. 5 ppm  
residue on ignition..... max. 0,05 %

**Physical data**

- Density: 1,25 g/cm<sup>3</sup>
- Solub. in water: (20 °C): sparingly miscible
- Boiling point: 118 °C
- Flash point: 110 °C

**Safety - GHS**

Signal Word: Danger

**Hazard Statements:**

- H302+H332: Harmful if swallowed or if inhaled.  
H311: Toxic in contact with skin.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H317: May cause an allergic skin reaction.

**Precautionary Statements:**

- P261: Avoid breathing dust / fume / gas / mist / vapours / spray.  
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).  
P405: Store locked up.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- ADR: 6.1 T1 III
- UN 2810 • TOXIC LIQUID, ORGANIC, N.O.S.(3-Mercapto-1,2-propanediol)
- IMDG: 6.1 III • UN 2810 • TOXIC LIQUID, ORGANIC, N.O.S. (3-Mercapto-1,2-propanediol)
- IATA/ICAO: 6.1 III • UN 2810 • TOXIC LIQUID, ORGANIC, N.O.S. (3-Mercapto-1,2-propanediol)
- PAX: 655
- CAO: 663
- 15°C - 25°C