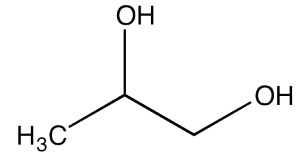


**Identification**

C<sub>3</sub>H<sub>8</sub>O<sub>2</sub>  
M = 76,10 g/mol  
CAS [57-55-6]  
EC number: 200-338-0  
Taric code: 2905 32 00

**Synonyms**

1,2-Propanediol, 1,2-Dihydroxypropane





**Applications**

in antifreeze compositions, for pharmaceuticals synthesizing, emulsifier, manufacturing of synthetic resins, in pharma industry.

**Specifications**

assay (G.C.).....	min. 99,5 %	heavy metals (as Pb).....	max. 0,0005 %
identification.....	passes test	oxidizing substances.....	passes test
density (20°/20°).....	1,035 - 1,040	reducing substances.....	passes test
appearance.....	clear and colourless	residue on ignition.....	max. 0,01%
refractive index n <sub>20</sub> /D.....	1,431 - 1,433	water (K.F.).....	max. 0,2 %
acidity.....	passes test	Residual solvents are analysed	
chlorides (Cl).....	max. 0,007 %	according to guideline	
sulfates (SO <sub>4</sub> ) .....	max. 0,006 %	CPMP/ICH/283/95.	

**Packaging****Packaging Code**

- 1 l  PR00851000
- 2,5 l  PR00852500
- 5 l  PR0085005P
- 25 l  PR0085025P

**Physical data**

- Density: 1,04 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Melting point: -59 °C
- Boiling point: 188 °C
- Flash point: 99 °C
- Ignition temperature: 371 °C
- Vapour pressure: (20 °C) 0,11 hPa
- Refraction index: (n<sub>20</sub> °C/D) 1,43
- Expl. limit (upper): 17,4 Vol%
- Expl. limit (lower): 2,4 Vol%
- pH(100 g/l H<sub>2</sub>O, 20 °C) 6 - 8
- Hygroscopic

**Toxicological data**

- LD 50 (oral, rat): 19400 - 36000 mg/kg
- WGK: 1
- Poison class CH (Swiss): F

**Transport/storage**

- Store between 15°C and 25°C