

# Glycerol

Grade: Extra pure

CH<sub>2</sub>OHCHOHCH<sub>2</sub>OH

M=92.10 g/mol

1L=1.26 kg

## Specification

Assay .....≥99-100.5%  
Identity.....conforms  
Appearance of the substance..... conforms  
Acidity or alkalinity.....confirms  
Refractive index.....1.471-1.474  
Density(n<sub>20</sub>/4°C).....1.258g/cm<sup>3</sup>  
Heavy metals..... ≤ 0.005%  
1,2,4 buthantriol.....≤0.2%  
Residual solvent.....≤0.6%  
Sulphated ash.....≤0.02%  
Melting point......81.°C  
Boiling point .....290°C

## Technical data

.CAS-No. 56-81-5  
.EC-No. 200-289-5  
.Vapour pressure <0.001 hpa(20°C)  
.Spec. density 1.26 g/cm<sup>3</sup>(20°C)  
.Explosive limit 0.9 vol%  
.Flash point ?180 °C o.c.  
.solub. in H<sub>2</sub>O (20°C) soluble  
.PH value ?5(100 g/l, H<sub>2</sub>O ,20°C)  
.Ignition temp. 400 °C  
.RTECS MA8050000  
.Poison class(CH) F  
.WGK 1  
.LD 50 oral rat 12600 mg/kg  
.LD 50 dermal rabbit> 18700 mg/kg  
.HS-No. 2905 45 00  
.LGK 10  
.Disposal 1  
.Merckblatt BG chemie Nr. M017  
.Beilstein 1, 502 ,I 266, II 575,  
.III 2297 ,IV 2751  
.Kühn-Birett G004  
.Merck FT-IR 322  
.Merck –Index 10, 4347  
.Roempp 8, 1512  
.SAX 6, 1479

## Symbol



## Guidelines of usage & storage



## Packaging

### Glass Bottles

1 Liter  
2.5 Liter

### Plastic Bottles

### Plastic Gallon

5 Liter  
10 Liter  
20 Liter

Bulk  
Inquire

