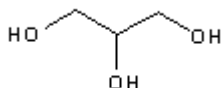


**PRODUCT CODE: 211339****Glycerol technical grade**



M.= 92,10

CAS [56-81-5]

EINECS 200-289-5

TARIC 2905 45 00 00

SYNONYMS: 1,2,3-Propanetriol, Glycerol

PHYSICAL DATA: liquid, Clear, viscous, Colourless, Miscible with water • Hygroscopic • D 20/4 1,262 • M.P.: 17,8 °C • B.P.: 290 °C • pH(100g/l)5 • n_{20/D} : 1,474 • Flash P.:176 °C • Ign. T.:429 °C • Vap. press. (20 °C) 0,01 hPa • Viscosity 20 °C 1.400 mPa.s • Dielec. constant20 °C 42,5 • Heat evap. 290 °C 826 KJ/Kg •

BIBLIOGRAPHY: Merck Index **12**, 4.493 13, 4.497 Sax **GGA000** • Safety **2** , **1782 D** • Römp **8** , **1512** • Kühn-Birett **G 4** • Ullmann (**5.**)12 , 477 • Beilstein **1** , **502 I** , **266 II** , **575 III** ,**2297 IV** , **2751** • BRN 635685 • ACS **XI** • ISO 6353/3-1987R - 64 , 30 • BP.**2017** • USP **39** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **9 10** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 BS 2621-5 •

HAZARDOUS: RTECS: MA 8050000 • LD50 oral rat 12.600 mg/kg • VLA-ED 10 mg/m³

WEIGHT/VOLUME INFORMATION: 1l~1,259 kg 1kg~0,794 l

SPECIFICATIONS:

Assay (G.C.)	99,0%
Density at 20/4	1,257-1,261
Chloride (Cl)	0,005%
Sulfate (SO ₄)	0,005%

Water (H₂O)

0,5 %

As

0,0003 %

Fe

0,005 %

Pb

0,001 %

GLYCERINE OF VEGETABLE ORIGIN

Ed.: 5 . Vig.: 13.02.2014 .

Prod.: 211339