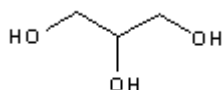


**PRODUCT CODE: 151339****Glycerol, 99% for synthesis**C<sub>3</sub>H<sub>8</sub>O<sub>3</sub>

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<sub>20</sub>/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.**2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **10 11** • 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/m<sup>3</sup>

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

**SPECIFICATIONS:**

|                 |                |
|-----------------|----------------|
| Assay (G.C.)    | 99,0%          |
| Identity :      |                |
| Identity        | IR passes test |
| Density at 20/4 | 1,259-1,263    |
| Chloride (Cl)   | 0,005%         |

|                            |         |
|----------------------------|---------|
| Sulfate (SO <sub>4</sub> ) | 0,005%  |
| Water (H <sub>2</sub> O)   | 0,5 %   |
| As                         | 0,0003% |

## **GLYCERINE OF VEGETABLE ORIGIN**

Ed.: 6 . Vig.: 13.02.2017 .

Prod.: 151339