

## Glycerol, Hi-LR™

**GRM081**

### Product Identifier

|                   |   |   |
|-------------------|---|---|
| CAS No.           | : | 56-81-5   |
| EC No.            | : | 200-289-5   |
| Molecular Formula | : | C <sub>3</sub> H <sub>8</sub> O <sub>3</sub>      |
| Molecular Weight  | : | 92.09   |
| Synonym           | : | 1,2,3-Propanetriol; Glycerin; Propane-1,2,3-triol |
| HS Code           | : | 2905 45 00  |
| Storage           | : | Below 30°C  |
| Shelf life        | : | 4 years   |

### Technical Specification

|                           |   |  |
|---------------------------|---|--|
| Appearance                | : | Colourless to faint yellow syrupy, very hygroscopic clear viscous liquid |
| Solubility                | : | 1 mL miscible in 1 mL of water   |
| FTIR                      | : | Matches with the standard pattern  |
| Refractive index (n 20/D) | : | 1.4700 - 1.4750  |
| Density (at 25°C)         | : | 1.245 - 1.255 g/mL   |
| Sulphated ash             | : | <= 0.01%   |
| Sugars (Glucose)          | : | <= 0.004%  |
| Assay (NaOH Titration/GC) | : | 98.00 - 102.00%  |

### Safety Information

|               |   |                     |
|---------------|---|---------------------|
| UN No.        | : | Not dangerous goods |
| Class         | : | -                   |
| Packing Group | : | -                   |
| RTECS         | : | MA8050000           |
| WGK           | : | 1                   |