



Product Specification

Product Name: GLYCEROL LR

Alternate Name(s) Glycerine; 1,2,3-propanetriol; trihydroxypropane; glycerin; glycol alcohol.

Description

Clear colourless syrupy liquid; odourless; sweet taste; hygroscopic.

Properties

Chemical Formula: $C_3H_8O_3$

Molecular Weight: 92.09

Product Code: GL010

CAS No. 56-81-5

General Information:

Soluble in alcohol and insoluble in ether, benzene and chloroform. Combustible, may explode upon contact with strong oxidizing agents. About 0.6 times as sweet as cane sugar.

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

Vapour Pressure	0.0025 mm @ 50 °C
Vapour Density	3.17
pH Value	Neutral to litmus
Solubility in Water	Soluble
Refractive Index	1.474
Relative Density	1.2625
Autoignition Temperature	392 °C
Boiling Point	290 °C
Flash Point	199 °C
Melting Point	18 °C
Halogenated compounds	≤ 0.0035%
Heavy Metals	≤ 0.0005%
Sulphated Ash	≤ 0.01%

Hazard and Safety Data

UN Group:	None Allocated
Class:	None Allocated
UN Number:	None Allocated
Hazchem code:	None Allocated
CS MSDS Code:	1CH30
Poison schedule:	Not Scheduled
Emergency Procedure Guide No.:	N/A

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