



Product Specification

Product Name: PROPYLENE GLYCOL LR

Alternate Name(s) Propane 1,2 diol; methyl glycol; 1,2-Propylene glycol; 1,2-Dihydroxypropane.

Description

Clear, colourless viscous liquid.

Properties

Chemical Formula:

Molecular Weight: 76.10

Product Code: PL010

CAS No. 57-55-6

General Information:

Miscible in water in all proportions. Miscible with acetone and chloroform. Soluble in ether. Dissolves rosin and many essential oils, but immiscible with fixed oils. Combustible. Incompatible with oxidisers.

Quality Specification

Assay: 99.5% min.

Specific Properties and Impurities [Typical levels]:

Specific gravity	1.036 @ 20°C
Boiling point	187.6°C
Colour (APHA)	≤ 10
Chlorides (Cl)	≤ 0.007%
Heavy metals (as Pb)	≤ 0.0005%
Residue on ignition	≤ 0.007%
Water (H ₂ O)	≤ 0.2%

Hazard and Safety Data

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

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