

TECHNICAL DATA SHEET

Glycerol | CAS 56-81-5

1. Product Identification

Product Name	Glycerol
CAS Number	56-81-5
Synonyms	Glycerin, Glycerine, Propane-1,2,3-triol, 1,2,3-Propanetriol
Category	Specialty
Available Grades	Technical/99.5%/Pharmaceutical/Food Grade/LR/AR
HSN Code	2905.45

2. Physical & Chemical Properties

Molecular Formula	C ₃ H ₈ O ₃
Molecular Weight	92.09
Appearance	Colourless viscous liquid
Density	1261 kg/m ³
Boiling Point	290°C
Melting Point	17.8°C
Flash Point	160°C
Solubility	Miscible with water

3. Applications

• Pharmaceutical formulation • Cosmetics & soap • Food sweetener • Antifreeze • Chemical synthesis • Biodiesel by-product

4. Industries Served

Pharmaceutical, Cosmetics, Food, Chemical, Research

5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.