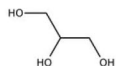


Glycerol (Clear, Colorless/USP/FCC), Fisher Chemical™

Manufacturer: Fisher Chemical BPG31200

Catalog No. G31-200

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ChemAlert*
Storage Code
GRAY

Specifications

Chemical Name or Material	Glycerol
Density	1.261g/cm ³
Identification	Pass Test (FCC/USP)
Packaging	Poly Drum
Specific Gravity	1.249 min. (FCC/USP)
Water	5.0% max. (USP)

Decomposition Information	>290°C
Flash Point	160°C
Ignition Residue	0.01% max. (FCC/USP)
Residual Solvents	Meets Requirements (USP)
Vapor Pressure	0.003mbar at 50°C
Boiling Point	290°C

Color	Undesignated
Quantity	200L
Name Note	Clear, Colorless
Molecular Formula	C3H8O3
MDL Number	MFCD00004722
InChI Key	PEDCQBHIVMGVHV-UHFFFAOYSA-N
IUPAC Name	propane-1,2,3-triol
PubChem CID	753
Formula Weight	92.1
Percent Purity	95.0 to 100.5% (FCC)

Melting Point	18°C
pH	5
CAS	56-81-5
Linear Formula	HOCH ₂ CH(OH)CH ₂ OH
Synonym	1,2,3-propanetriol, 1,2,3-trihydroxypropane, glycerin, glycerine, glyceritol, glycerol, glycylic alcohol, osmoglyn, propanetriol, trihydroxypropane
SMILES	C(C(CO)O)O
Molecular Weight (g/mol)	92.094
ChEBI	CHEBI:17754
Physical Form	Viscous Liquid
Grade	FCC/USP

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Chemical Identifiers

CAS	56-81-5
Molecular Weight (g/mol)	92.094
InChI Key	PEDCQBHIVMGVHV-UHFFFAOYSA-N
PubChem CID	753
IUPAC Name	propane-1,2,3-triol

Molecular Formula	C3H8O3
MDL Number	MFCD00004722
Synonym	1,2,3-propanetriol, ... Show More
ChEBI	CHEBI:17754
SMILES	C(C(CO)O)O

Safety and Handling



WARNING!**Emergency Overview**

Irritating to eyes and skin. May cause central nervous system effects. Hygroscopic. Use personal protective equipment. Ensure adequate ventilation. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention. Move to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately if symptoms occur. Get medical attention immediately if symptoms occur. Do not induce vomiting.

Note: Products are tested to meet the analytical requirements of the noted grade (USP, Ph. EUR or otherwise). Product test results are available on the Certificate of Analysis or upon request for the specific product.

Products are for research use or further manufacturing. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator and end-user to qualify, test and/or validate each product for its intended use as an ingredient in the end product and in accordance with applicable regulations (including without limitation WHO-recommended Hand Rub Formulations (Hand Sanitizers) and/or FDA Policy for Preparation of Certain Alcohol-based Hand Sanitizer Products, as updated). Thermo Fisher Scientific expressly disclaims all non-specified warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular use.

NFPA**Health:**1**Flammability:**1**Instability:**0

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