

Glycerine USP

Glycerine USP is supplied in the Glycerine range for industrial formulation and processing enquiries. Listed grade: GLYCERIN 99.7% USP. CAS No. 56-81-5.

DOCUMENT TYPE	Technical Data Sheet (TDS)
PRODUCT CODE	OLE-CAT-111
DOCUMENT TITLE	Glycerine 99.7% USP TDS
VERSION	Current controlled copy
ISSUE / REVISION	Refer to source document
REGION / LANGUAGE	Global / English

CONTROLLED DOCUMENT NOTICE

This branded cover is provided for document identification and distribution. The following pages are the original controlled technical document and remain the authoritative technical content.

POLYRHEO GLYCERINE 99.7 % USP

(USP 42 GRADE)

Specifications

Description

POLYRHEO GLYCERINE 99.7 % USP
conforms to USP 42.
It is a clear colourless syrupy liquid.

Applications

Our Glycerine 99.7 % USP is used for

- Cosmetics
- Toothpaste
- Foods and beverages
- Emulsifiers
- Tobacco
- Chemicals manufacturing

Colour (APHA) ¹	10 max
Odour ¹	Pass
Relative Density (20/20°C) ¹	1.2623 min
Glycerine Content (by SG) % ¹	99.7 min
Acidity/Alkalinity meq/100g ¹	0.08 max
Esters % Na ₂ O ¹	0.02 max
Sugar ²	Negative
Chloride mgCl/Kg ¹	10 max
Heavy Metals mgPb/Kg ²	5 max
Aldehydes ²	Negative
Sulphated Ash % ²	0.01 max
Halogenated Compounds mgCl/Kg ²	35 max
Impurity A and Related Substances ²	PASS
Sulfate ppm ²	20 max
Limit of Chlorinated Compounds ppm ²	30 max
Refractive Index (20°C) ²	1.474
Water Content (%)	0.2 max

Packaging

Our Glycerine 99.7 % USP can be supplied in new non-returnable drums 250 Kg., HMHDPE Drums – 250 kgs, intermediate bulk containers (Plastic Totes) – 1250 kgs or Bulk - by road tanker.

Storage and Handling

Glycerine 99.7 % USP is hygroscopic, and storage tanks should be totally enclosed except for a breather pipe fitted with a drier system. This has a high viscosity at ambient temperatures and is loaded into road tankers at 50°C. At this temperature it can be discharged by pumps or by a compressor system

Information provided here is based on the best knowledge of Polyrheo, and belief at the date of its publication. It is given in good faith and without warranty. The information given is designed only as guidance and does not release the customer from the obligation to test our products as to their suitability for the intended process and uses. The application, use and processing of our products and the products manufactured by the customer on the basis of our technical advice are beyond our control and, therefore, entirely the customer's responsibility. Our products are sold in accordance with the current version of our General conditions of Sale and Delivery.