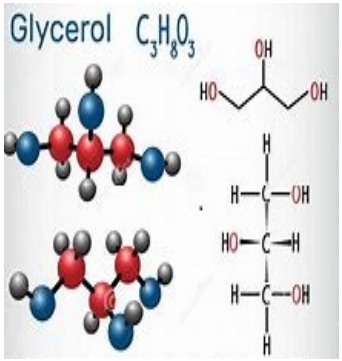
Summary Technical Data Sheet

Glycerine 99.7% USP

Product Name: Glycerine 99.7% USP Soln
HS Code: 29054500
CAS Number: 56-81-5
Formula: $CH_2OHCHOHCH_2OH$
Molecular weight: 92.09 g/mol.
Specific Gravity: 1.261 @ 20°C
Product Weight: 1.2607 g/ml @ 20°C
pH: Neutral
Melting Point: 19°C
Boiling Point: 290°C
Flash Point: >198.9°C
Freezing Point: 17.9°C
Viscosity: 1150 cps @ 20°C



Typical Properties
Appearance: Colourless liquid Solubility: Soluble in water
Odour: Odourless
Taste: Tangy sweet

Product Specifications

Properties	Specifications (USP Method) Min.	Max.	Results
Purity by Specific Gravity:	99.7%		99.75%
Specific Gravity :	1.2613		1.2614
Sulphate:		20 ppm	< 20 ppm
Chloride:		10 ppm	< 10 ppm
Chlorinated Compounds:		30 ppm	< 30 ppm
Fatty Acid & Ester:		0.30 ml	0.14 ml
Residue on Ignition:		0.01%	< 0.01%
Lead:		1 ppm	< 1 ppm
Water:		0.30%	0.063%
Identification A by FTIR:		Pass	Pass
Identification B:		Pass	Pass
Diethylene Glycol:		< 0.10%	< 0.10%
Ethylene Glycol:		< 0.10%	< 0.10%
Identification C by GC:		Pass	Pass

Glycerine 99.7% USP Food Grade (Kosher & Halal)

Glycerine 99.7% USP is a viscous, plant-based substance that is most commonly used to make products less watery or reduce water activity in food products, personal care products, bubble mixtures, hand sanitizers, and much more. Since this chemical is hypoallergenic, it will prevent irritation that could occur when using other thickening agents, and will allow ease of mind for users who do have various allergies, when shopping for hand sanitizer with this humectant in it.

In summary, end-use applications include; pharmaceutical applications for excipient use, food and beverage ingredient, sweetener, personal care items such as tooth pastes, polyether polyols, alkyd resins, humectants, coatings, pet foods, lubricants, flexible foams, de-icers, and soaps.

Storage and Handling: Store in a cool, well ventilated area in sealed container. Store away from strong oxidizing agents or combustible material. See our SDS.

Packaging: 5 kg jugs .

Transport Regulations: Not regulated.

The above information, while not guaranteed, reflects our analysis and believed to be accurate. It is the end user's responsibility, prior to use of the above mentioned product to determine the suitability of the product. Aqua Bond shall not be, directly or indirectly responsible for damages of any nature whatsoever resulting from the use or reliance upon the above information.

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