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Technical Data Sheet

Product Info	
Trade Name	Glycerin
Overview	Glycerin is produced by refining crude glycerine in a series of purification steps. Crude glycerine is derived by cleaving the glycerine chain off of its triglyceride backbone. The diagram above shows the glycerin molecular structure. It is a clear liquid with a slightly sweet taste.
Chemical Name	1,2,3-Propanetriol
Chemical formula	$\text{CH}_2\text{OHCHOHCH}_2\text{OH}$
Molecular Weight	246
Cas No.	56-81-5
Specifications	
Assay	Min 99.7
Appearance	Transparente liquid
Color	Max 0.4
Specific Gravity	1.26
moisture (%)	Max 0.3
Chlorides (ppm)	Max 10.0
Spesefice gravity (25°C)	Min 1.2607
Heavy metal (ppm)	Max 5.0
Refractive index, at 20 °C	1.470 - 1.475.
Packaging Info	
Packaging	250 Kgs/HDPE drum. Keep in a cool and dry place.
Storage	Keep separate from oxidants. Avoid extreme heat and cold.

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Shelf Life

2 years.

Other Info

Applications

End-use applications for Glycerin include pharmaceutical applications (for excipient use only), food and beverage ingredient, sweetener, personal care items such as tooth pastes, polyether polyols, alkyd resins, explosives, humectants, coatings, pet foods, lubricants, flexible foams, solid fuel, de-/ anti-icers, and soaps..

Precautions

Heating should not exceed the max handling temperature of (52°C) 125°F