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Technical Data Sheet
Glycerol Mono Ricinoleate

Product Identification

Product Name : Glycerol Mono Ricinoleate
Chemical Name : Glycerol Mono Ricinoleate
Synonyms : Glyceryl Ricinoleate, Monoricinolein, Castor oil monoglyceride, and GMR.
CAS No : 1323-38-2

Product Description

Glycerol Mono ricinoleate is a bio-based, non-ionic surfactant and plasticizer derived from castor oil that provides excellent pigment dispersion and water-in-oil emulsification. This compound is primarily utilized as an antistatic and antifogging agent in polymers, and as a skin-conditioning emollient in cosmetics.

Specifications

Sr. No.	Parameter	Specification
01	Appearance	Viscous Oily Liquid
02	Color	Amber
03	Acid Value mgKOH/gm	5 max
04	Saponification Value mgKOH/gm	140 – 165
05	Iodine Value, cc/100gm	65 – 75
06	Mono Ester Content, %	35 min
07	HLB Value	3.9
08	Solubility	Insoluble in water, Soluble in solvents.

Applications:

G**lycerol Mono Ricinoleate** is works in non-drying emulsifying agent, solvent, plasticizers in polishes, in cosmetics, in textile, paper and leather processing, low temperature lubricant. It stabilizes latex paints against breakdown due to repeated freeze thaws.

Storage & Handling : No specific storage precautions noted.

Packing : 200 kilos HDPE Barrels

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