

RiSoft-Rx

Glycerol Mono Ricinoleate

HSN: 2915

Description

RiSoft-Rx is a fatty acid ester made from 100% renewable raw materials derived from plant origin. It has versatile properties that allow it to act as: an emulsifier, dispersant, structurant, etc.

Characteristic Values*

Properties	Units	AOCS Test	<i>RiSoft-Rx</i> GMR
Physical:			
Appearance	@ 25°C	Visual	Lt. Yellow Liquid
Clarity <small>molten form</small>	Gardner Tube	Visual	Clear
Color <small>molten form</small>	Gardner Scale	Visual	5 max
Moisture	%	Ca 2c-25	1 max
Viscosity <small>bubble secs</small>	@ 25°C Gardner Tube	Tq 1a-64	10 +/- 2
Emulsion. <small>5% disp. in hot water w/w</small>	@ 25°C	Visual	Unstable
Chemical:			
Acid Value	mg KOH/g	Cd 3d-63	6 max
Saponification Value	mg KOH/g	Cd 3-25	150 – 170
Iodine Value	cg I ₂ /g	Tg 1-64	70 – 80
Hydroxyl Value	mg KOH/g	Cd 13-60	300 – 330
Monoglycerides.	%	Cd 11b-91 (GC)	35 min
Free Glycerol	%	Cd 11b-91 (GC)	5 max

*Slight variations in the characteristic values stated are possible due to production made out of natural raw materials but it shall have no influence on its application functionalities.

Packing: In Plastic Barrels (net wt. 200 kgs)

Shelf Life / Storage: The shelf life for this material is 12 months from manufacturing date when stored in a cool place (< 35°C), in tightly closed packaging, protected from dust, heat, & moisture.

Applications

Industry: Personal Care	Key Role	Benefits
Creams	Emulsifier	Emolliency, Structure, Lubricancy
Lipsticks	Emulsifier	Emolliency, Structure, Lubricancy
Soaps	Emulsifier	Emolliency, Structure, Lubricancy
Ointments	Emulsifier	Emolliency, Structure, Lubricancy

Authorization: (sign not necessary if emailed doc.)

Approved by:	Approved by:	Approved by:
TECH: EX	MFGN: EX	MKTG: EX

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