

RiSoft-Ox

Glycerol Mono Oleate

HSN: 2915

Description

RiSoft-Ox 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, structurant, etc.

Characteristic Values*

Properties	Units	AOCS Test Method	RiSoft-Ox GMO
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 <small>Gardner Tube</small>	Tq 1a-64	4 +/- 2
Emulsion. <small>5% disp. in hot water w/w</small>	@ 25°C	Visual	Unstable
Chemical:			
Acid Value	mg KOH/g	Cd 3d-63	2 max
Saponification Value	mg KOH/g	Cd 3-25	150 – 170
Iodine Value	cg I ₂ /g	Tg 1-64	65 – 85
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
Shampoo	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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