

**Ricinash Oil Mill Limited**

202/203 Magnum Opus, Shantinagar Industrial Estate,  
 Vakola, Santacruz (E), Mumbai – 400055, INDIA  
 Tel: +91 22 66963707 | Email: info@ricinash.com  
 CIN No. U15140MH1997PLC105499



Product Data Sheet - rev.01/04/19

# 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
<b>Physical:</b>			
Appearance	@ 25°C	Visual	Lt. Yellow Liquid
Clarity molten form	Gardner T	Visual	Clear
Color molten form	Gardner T	Visual	5 max
Moisture	%	Ca 2c-25	1 max
Viscosity bubble secs	@ 30°C Gardner T	Tq 1a-64	5 – 8
<b>Chemical:</b>			
Acid Value	mg KOH/g	Cd 3d-63	2 max
Saponification Value	mg KOH/g	Cd 3-25	150 – 170
Iodine Value	cg I <sub>2</sub> /g	Tg 1-64	65 – 85
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 (< 40°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.)

Prepared by:	Approved by:	Released by:
EX – TECH	EX – MFNG	EX - MKTG

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