

**Ricinash Oil Mill Limited**

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 CIN No. U15140MH1997PLC105499



Product Data Sheet - rev.01/04/19

# RiSoft-Ax

Glycerol Mono Hydroxy Stearate

HSN: 2915

**Description**

**RiSoft-Ax** 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, lubricant, structurant, etc.

**Characteristic Values\***

Properties	Units	AOCS Test Method	RiSoft-Ax GMHS
<b>Physical:</b>			
Appearance	@ 25°C	Visual	Ivory Flakes
Clarity molten form	Gardner Tube	Visual	Clear
Color molten form	Gardner Tube	Visual	3 max
Moisture	%	Ca 2c-25	1 max
Melt Point	°C	Cc 1-25	65 +/- 3
<b>Chemical:</b>			
Acid Value	mg KOH/g	Cd 3d-63	5 max
Saponification Value	mg KOH/g	Cd 3-25	150 – 170
Iodine Value	cg I <sub>2</sub> /g	Tg 1-64	5 max
Monoglycerides.	%	Cd 11b-91 (GC)	35 min
Free Glycerol	%	Cd 11b-91 (GC)	5 max
Soap as K Stearate	%	ROML	7 +/- 1

\*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 Bags (net wt. 25 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
Ointments	Emulsifier	Emolliency, Structure, Lubricancy
Suppositories	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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