

Ricinash Oil Mill Limited

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 CIN No. U15140MH1997PLC105499



Product Data Sheet - rev.01/04/19

RiSoft-Nx

Glycerol Mono Stearate (non-self-emulsifying)

HSN: 2915 EEC: E-471

Description

RiSoft-Nx 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-Nx GMS nse
Physical:			
Appearance	@ 25°C	Visual	Ivory Flakes
Clarity molten form	Gardner T	Visual	Clear
Color molten form	Gardner T	Visual	3 max
Moisture	%	Ca 2c-25	1 max
Melt Point	°C	Cc 1-25	57 +/- 2
Chemical:			
Acid Value	mg KOH/g	Cd 3d-63	1.2 max
Saponification Value	mg KOH/g	Cd 3-25	168 – 183
Iodine Value	cg I ₂ /g	Tg 1-64	3 max
Hydroxyl Value	mg KOH/g	Cd 13-60	300 – 330
Monoglycerides	%	Cd 11b-91 (GC)	40 min
Free Polyol	%	Cd 11b-91 (GC)	5 max
Soap as K/Na Stearate	%	ROML	0.3 max
HLB	@ 25°C	Std. Formula	1 – 3

*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: Food	Function	Benefits
Chocolates / Boiled-Sweets	Emulsifier	Improves Fat Distribution resulting in Palatability, Anti-Sticking
Gums	Emulsifier	Good Plasticizer for Gum Base, Improves Handling & Gloss

Authorization: (sign not necessary if emailed doc.)

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

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