

Ricinash Oil Mill Limited

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Product Data Sheet - rev.01/04/19

RiFine-Sx₃

Polyglycerol Stearate

HSN: 2915

Description

RiFine-Sx₃ 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	RiFine-Sx3 PG3S
Physical:			
Appearance	@ 25°C	Visual	Ivory Flakes
Clarity <small>molten form</small>	Gardner Tube	Visual	Clear
Color <small>molten form</small>	Gardner Tube	Visual	5 Max
Moisture	%	Ca 2c-25	1 Max
Melting Point	@ 25°C	Cc-1-25	54 +/- 3
Chemical:			
Acid Value	mg KOH/g	Cd 3d-63	6 Max
Saponification. Value	mg KOH/g	Cd 3-25	120 - 140
Iodine Value	cg I ₂ /g	Tg 1-64	3 Max
HLB	@ 25°C	Std. Formula	7 - 8

*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
Lipsticks	Emulsifier	Emolliency, Structure, Lubricancy
Soaps	Emulsifier	Emolliency, Structure, Lubricancy
Shampoos	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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