

Ricinash Oil Mill Limited

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Product Data Sheet - rev.01/04/19

RiFine-Sx₃

Polyglycerol Stearate

HSN: 2915 EEC: E-475

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, stabilizer, structurant, etc.

Characteristic Values*

Properties	Units	AOCS Test Method	RiFine-Sx ₃ PGE
Physical:			
Appearance	@ 25°C	Visual	Ivory Flakes
Clarity molten form	Gardner Tube	Visual	Clear
Color molten form	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	135 – 175
Iodine Value	cg I ₂ /gW	Tg 1-64	3 Max
Free Polyol	%	Cd 11b-91 (GC)	5 max
Soap as K/Na Stearate	%	ROML	5 – 7
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: Food	Key Role	Benefits
Cakes	Emulsifier	Improved Cake Batter Performance, Better Crumb-Structure/Volume/Softness
Gums	Emulsifier	Good Plasticizer for Gum Base, Improved 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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