

Ricinash Oil Mill Limited

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Product Data Sheet - rev.01/04/19

RiTan-Sx

Sorbitan Mono Stearate

HSN: 2915 EEC: E-491

Description

RiTan-Sx 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	RiTan-Sx SMS
Physical:			
Appearance	@ 25°C	Visual	Ivory Flakes
Clarity molten form	Gardner Tube	Visual	Clear
Color molten form	Gardner Tube	Visual	6 max
Moisture	%	Ca 2c-25	1 max
Melt Point	°C	Cc 1-25	57 +/- 3
Chemical:			
Acid Value	mg KOH/g	Cd 3d-63	6 max
Saponification Value	mg KOH/g	Cd 3-25	147 – 157
Iodine Value	cg I ₂ /g	Tg 1-64	3 max
Hydroxyl Value	mg KOH/g	Cd 13-60	235 – 260
HLB	@ 25°C	Std. Formula	4 – 6

*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 Aeration & Stability, Uniform Crumb Structure, Enhanced Softness
Gums	Emulsifier	Good plasticizer for gum base, Improved handling & gloss
Coffee-Whiteners	Emulsifier	Excellent emulsifier, Better dispersibility

Authorization: (sign not necessary if emailed doc.)

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

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