

Ricinash Oil Mill Limited

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 CIN No. U15140MH1997PLC105499



Product Data Sheet - rev.01/04/19

RiAct-Sx

Sodium Stearyl Lactylate

HSN: 2915 EEC: E-481

Description

RiAct-Sx is a fatty acid ester made from 100% renewable raw materials derived from plant origin. It has versatile properties that allows it to act as: an emulsifier, stabilizer, texturant, etc.

Characteristic Values*

Properties	Units	AOCS Test Method	RiAct-Sx SSL
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
Melt Point	°C	Cc 1-25	50 +/- 5
Chemical:			
Acid Value	mg KOH/g	Cd 3d-63	60 – 80
Ester Value	mg KOH/g	Formula (SV-AV)	150 – 190
Saponification Value	mg KOH/g	Cd 3-25	210 – 270
Iodine Value	cg I ₂ /g	Tg 1-64	2 max
Total Lactic Acid Con.	%	ROML	23.0 – 34.0

*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 (< 30°C), in tightly closed packaging, protected from dust, heat, & moisture.

Applications

Industry: Food	Function	Benefits
Breads	Emulsifier	Increases Volume & Texture, Improved Dough Rheology/Strengthening
Cakes	Emulsifier	Excellent Aerating Agent, Good Anti-Staling agent
Biscuits	Emulsifier	Good Emulsifier, Prolonged Shelf-Life, Enhances Crispiness
Coffee Whiteners	Emulsifier	Excellent Emulsion Stabilizer

Authorization: (sign not necessary if emailed doc.)

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

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