

RiAct-Sx

Sodium Stearoyl Lactylate

HSN: 29181190 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 <small>molten form</small>	Gardner Tube	Visual	Clear
Color <small>molten form</small>	Gardner Scale	Visual	5 max
Moisture	%	Ca 2c-25	1 max
Melting Point	°C	Cc 1-25	50 +/- 5
Emulsion <small>(5% disp. in hot water w/w)</small>	@ 25°C	Visual	Stable
pH <small>(pH paper)</small>	pH Scale	Visual	7 +/- 1
Chemical:			
Acid Value	mg KOH/g	Cd 3d-63	60 – 80
Saponification Value	mg KOH/g	Cd 3-25	210 – 270
Ester Value	mg KOH/g	Formula (SV-AV)	150 – 190
Iodine Value	cg I ₂ /g	Tg 1-64	2 max
Soap as Na Stearate	%	RRMPL	58 – 62
Total Lactic Acid Con.	%	RRMPL	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: Shelf life is 12 months from manufacturing date when stored in a cool place (< 35°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.)

Approved by:	Approved by:	Approved by:
TECH: EX	MFGN: EX	MKTG: EX

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