

RiFine-Rx₃

Polyglycerol Polyricinoleate

HSN: 29161500 EEC: E-476 PGPR

Description

RiFine-Rx₃ 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, viscosity agent, etc.

Characteristic Values*

Properties	Units	AOCS Test Method	<i>RiFine-Rx₃</i> PGPR
Physical:			
Appearance	@ 25 ⁰ C	Visual	Lt. Brown Viscous liquid
Clarity <small>molten form</small>	Gardner Tube	Visual	Clear
Color <small>molten form</small>	Gardner Scale	Visual	12 max
Moisture	%	Ca 2c-25	1 max
Viscosity <small>bubble secs</small>	@ 25 ⁰ C Gardner Tube	Tq 1a-64	30 – 40
pH <small>(pH paper)</small>	pH Scale	Visual	6 + /- 1
Chemical:			
Acid Value	mg KOH/g	Cd 3d-63	6 max.
Saponification Value	mg KOH/g	Cd 3-25	175 – 195
Iodine Value	cg I ₂ /g	Tg 1-64	75 – 95
Hydroxyl Value	mg KOH/g	Cd 13-60	80 – 100

*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 Plastic Carbuoys (net wt. 35 kgs)

Shelf Life / Storage: Shelf life is 12 months from manufacturing date when stored in a cool place (< 35⁰C), in tightly closed packaging, protected from dust, heat, & moisture.

Applications

Industry: Food	Key Role	Benefits
Chocolates	Emulsifier	Viscosity Reduction, Better Texture/Keeping Qualities, Improved Flow Properties
Breads	Emulsifier	Emulsifier in Pan Release Agents, Stabilizer in W/O emulsions
Margarine/Shortenings	Emulsifier	Improves Emulsion Stability

Authorization: (sign not necessary if emailed doc.)

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

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