

RiFine-Rx₃

Polyglycerol Polyricinoleate

HSN: 2915

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, structurant, etc.

Characteristic Values*

Properties	Units	AOCS Test Method	RiFine-Rx ₃ PGPR
Physical:			
Appearance	@ 25°C	Visual	Yellow Liquid
Clarity <small>molten form</small>	Gardner Tube	Visual	Clear
Viscosity <small>bubble secs</small>	@ 25°C Gardner Tube	Tq 1a-64	50 +/- 2
Moisture	%	Ca 2c-25	1 max.
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: The shelf life for this material 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: Personal Care	Key Role	Benefits
Creams	Emulsifier	Emolliency, Structure, Lubricancy
Lipsticks	Emulsifier	Emolliency, Structure, Lubricancy
Soaps	Emulsifier	Emolliency, Structure, Lubricancy
Shampoos	Emulsifier	Emolliency, Structure, Lubricancy
Ointments	Emulsifier	Emolliency, Structure, Lubricancy

Authorization: (sign not necessary if emailed doc.)

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

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