

**Ricinash Oil Mill Limited**

202/203 Magnum Opus, Shantinagar Industrial Estate,  
 Vakola, Santacruz (E), Mumbai – 400055, INDIA  
 Tel: +91 22 66963707 | Email: info@ricinash.com  
 CIN No. U15140MH1997PLC105499



Product Data Sheet - rev.01/04/19

# RiFine-Rx<sub>3</sub>

Polyglycerol Polyricinoleate

HSN: 2915      EEC: E-476

**Description**

**RiFine-Rx<sub>3</sub>** 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	RiFine-Rx3 PGPR
<b>Physical:</b>			
Appearance	@ 30°C	Visual	Lt. Brown, Viscous liquid
Clarity	@ 30°C	Visual	Clear – Star bright
Viscosity bubble secs	@ 30°C Gardner Tube	Tq 1a-64	40 – 55 secs
Moisture	%	Ca 2c-25	1 max.
<b>Chemical:</b>			
Acid Value	mg KOH/g	Cd 3d-63	6 max.
Saponification Value	mg KOH/g	Cd 3-25	175 – 195
Iodine Value	cg I <sub>2</sub> /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 (< 40°C), 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.)

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

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