



RiFine-Rx₃

Polyglycerol Polyricinoleate (PGPR)

Description

RiFine-Rx₃ is made from renewable raw materials derived from plant origin. It has versatile properties that improve a product's chemistry/processability.

Characteristic Values*

Properties	Units	AOCS Test Method	<i>RiFine-Rx₃</i> PGPR
Physical:			
Appearance	@ 25°C	Visual	Yellow Liquid
Clarity molten form	Gardner Tube	Visual	Clear
Viscosity bubble secs	@ 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 Barrels (net wt. 200 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: 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

The information given in this leaflet is based on our own research & development work and is correct to the best of our knowledge. We recommend that the actual users should conduct their own tests to determine the suitability of our products for their end use. Users should refer to the MSDS and other relevant data for safe handling. Our Company shall not be responsible for any loss, injury, damage, and patent or law infringement, resulting from the use of this information.