

## **RiTyl-Sx<sub>400</sub>**

Polyethylene Glycol 400 Stearate

HSN: 2915

### **Description**

RiTyl-Sx<sub>400</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, structurant, etc.

### **Characteristic Values\***

Properties	Units	AOCS Test Method	RiTyl-Sx <sub>400</sub> PEGS
<b>Physical:</b>			
Appearance	@ 25°C	Visual	White to Ivory Solid
Clarity <small>molten form</small>	Gardner Tube	Visual	Clear
Color <small>molten form</small>	Gardner Scale	Visual	3 max
Moisture	%	Ca 2c-25	1 max
Melting Point	°C	Cc 1-25	30 +/- 2
Emulsion. <small>5% disp. in hot water w/w</small>	@ 25°C	Visual	Stable
<b>Chemical:</b>			
Acid Value	mg KOH/g	Cd 3d-63	5 max
Saponification Value	mg KOH/g	Cd 3-25	83 – 92
Iodine Value	cg I <sub>2</sub> /g	Tg 1-64	50 – 80
HLB	@ 25°C	Std. Formula	11-12

\*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 Barrels (net wt. 200 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.

**Authorization:** (sign not necessary if emailed doc.)

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

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