

## **RiTan-Ex**

Sorbitan Tri Oleate

HSN: 2915

### **Description**

RiTan-Ex 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	RiTan-Ex STO
<b>Physical:</b>			
Appearance	@ 25°C	Visual	Lt. Amber Liquid
Clarity <small>molten form</small>	Gardner Tube	Visual	Clear
Color <small>molten form</small>	Gardner Scale	Visual	8 max
Moisture	%	Ca 2c-25	1 max
Viscosity <small>bubble secs</small>	@ 25°C Gardner Tube	Tq 1a-64	20 +/- 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	8 max
Saponification Value	mg KOH/g	Cd 3-25	170 – 185
Iodine Value	cg I <sub>2</sub> /g	Tg 1-64	60 – 80
Hydroxyl Value	mg KOH/g	Cd 13-60	58 – 69
HLB	@ 25°C	Std. Formula	2

\*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.

### **Applications**

Industry: Personal Care	Key Role	Benefits
Creams	Emulsifier	Emolliency, Structure, Lubricancy
Soaps	Emulsifier	Emolliency, Structure, Lubricancy
Shampoos	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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