

**Ricinash Oil Mill Limited**

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Product Data Sheet - rev.01/04/19

# RiTan-Ix

Sorbitan Tri Stearate

HSN: 2915

**Description**

**RiTan-Ix** 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-Ix STS |
|----------------------|----------------------|------------------|--------------|
| <b>Physical:</b>     |                      |                  |              |
| Appearance           | @ 25°C               | Visual           | Ivory Flakes |
| Clarity molten form  | Gardner Tube         | Visual           | Clear        |
| Color molten form    | Gardner Tube         | Visual           | 6 max        |
| Moisture             | %                    | Ca 2c-25         | 1 max        |
| Melt Point           | °C                   | Cc 1-25          | 57 +/- 3     |
| <b>Chemical:</b>     |                      |                  |              |
| Acid Value           | mg KOH/g             | Cd 3d-63         | 6 max        |
| Saponification Value | mg KOH/g             | Cd 3-25          | 175 – 190    |
| Iodine Value         | cg I <sub>2</sub> /g | Tg 1-64          | 3 max        |
| Hydroxyl Value       | mg KOH/g             | Cd 13-60         | 65 – 80      |
| 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 Bags (net wt. 25 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: 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.)

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

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