

RiCray-Ax
 Hydrogenated Castor Oil

HSN: 15162039

Description

RiCray-Ax is a fully hydrogenated vegetable oil made from 100% renewable raw materials derived from plant origin. It has versatile properties that allow it to act as: a structurant, lubricant, etc.

Characteristic Values*

| Properties | Units | AOCS Test Method | RiCray-Ax HCO |
|--|----------------------|------------------|-------------------------|
| Physical: | | | |
| Appearance | @ 25°C | Visual | White Flakes |
| Clarity <small>molten form</small> | Gardner Tube | Visual | Clear Star Shine |
| Color <small>molten form</small> | Gardner Scale | Visual | 3 max |
| Moisture | % | Ca 2c-25 | 0.1 max |
| Melting Point | °C | Cc 1-25 | 85 +/- 2 |
| Solubility <small>(5% in hot methanol w/w)</small> | @ 60°C | Visual | Complete, w/o turbidity |
| Chemical: | | | |
| Acid Value | mg KOH/g | Cd 3d-63 | 4 max. |
| Saponification Value | mg KOH/g | Cd 3-25 | 175 – 185 |
| Iodine Value | cg I ₂ /g | Tg 1-64 | 3 max |
| Hydroxyl Value | mg KOH/g | Cd 13-60 | 155 – 160 |

*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: 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 | Structurant | Structure, Emolliency, Lubricancy |
| Lipsticks | Structurant | Structure, Emolliency, Lubricancy |
| Suppositories | Structurant | Structure, Emolliency, Lubricancy |

Authorization: (sign not necessary if emailed doc.)

| Approved by: | Approved by: | Approved by: |
|--------------|--------------|--------------|
| TECH: EX | MFGN: EX | MKTG: EX |

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