

## **RiShyn-Ax**

Refined Castor Oil

HSN: 15153090

### **Description**

*RiShyn-Ax* is a vegetable oil made from raw materials derived from 100% plant origin viz. castor seed plant. It has versatile properties that allow it to act as: an emollient, lubricant, rheological, etc. It is used as a starting raw material for many basic industrial chemicals.

### **Characteristic Values\***

Properties	Units	AOCS Test Method	<i>RiCas-Tx8</i> CCO	<i>RiShyn-Ax</i> BSS
<b>Physical:</b>				
Appearance	@ 25°C	Visual	Yellow Viscous Oil	Lt. Yellow Viscous Oil
Clarity <small>molten form</small>	Gardner Tube	Visual	Clear Star Shine	Clear Star Shine
Color <small>molten form</small>	Gardner Scale	Visual	8 max.	3 max.
Moisture	%	Ca 2c-25	0.25 max.	0.25 max.
Viscosity <small>bubble secs</small>	@ 25°C Gardner Tube	Tq 1a-64	10 +/- 2	10 +/- 2
Solubility <small>1:1 in methanol (w/w)</small>	@ 25°C	Visual	Complete, w/o turbidity	Complete, w/o turbidity
<b>Chemical:</b>				
Acid Value	mg KOH/g	Cd 3d-63	4 max.	2 max.
Saponification Value	mg KOH/g	Cd 3-25	177 – 187	177 – 187
Iodine Value	cg I <sub>2</sub> /g	Tg 1-64	82 – 90	82 – 90
Hydroxyl Value	mg KOH/g	Cd 13-60	160 – 168	160 – 168

\*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	Emollient	Smoothness, Lubricancy, Rheological
Lipsticks	Emollient	Smoothness, Lubricancy, Rheological
Soaps	Emollient	Smoothness, Lubricancy, Rheological
Shampoos	Emollient	Smoothness, Lubricancy, Rheological
Ointments	Emollient	Smoothness, Lubricancy, Rheological
Suppositories	Emollient	Smoothness, Lubricancy, Rheological

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

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

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