

## ***RiWay-Rx***

*Oleochemical Derivative*

HSN: 29151950

### **Description**

*RiWay-Rx* 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, etc.

### **Characteristic Values\***

Properties	Units	AOCS Test Method	<i>RiWay-Rx</i> GMR
<b>Physical:</b>			
Appearance	@ 25 <sup>o</sup> C	Visual	Lt. Yellow Liquid
Clarity <small>molten form</small>	Gardner Tube	Visual	Clear
Color <small>molten form</small>	Gardner Scale	Visual	5 max
Moisture	%	Ca 2c-25	1 max
Viscosity <small>bubble secs</small>	@ 25 <sup>o</sup> C Gardner Tube	Tq 1a-64	10 - 12
<b>Chemical:</b>			
Acid Value	mg KOH/g	Cd 3d-63	6 max
Saponification Value	mg KOH/g	Cd 3-25	150 – 170
Iodine Value	cg I <sub>2</sub> /g	Tg 1-64	70 – 80
Hydroxyl Value	mg KOH/g	Cd 13-60	300 – 330
Monoglycerides.	%	Cd 11b-91 (GC)	35 min
Free Glycerol	%	Cd 11b-91 (GC)	5 max
Soap as K Stearate	%	RRMPL	0.3 max

\*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:** Shelf life is 12 months from manufacturing date when stored in a cool place (< 35<sup>o</sup>C), in tightly closed packaging, protected from dust, heat, & moisture.

### **Applications**

Industry:	Key Role	Benefits	Dosage %
Plastics			
PVC	Internal Lubricant	Reduces Melt Viscosity, Gives Thermal Stability, Better Optical Properties	0.3 – 1.0

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

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

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