

RiWay-Ox

Oleochemical Derivative

HSN: 29161590

Description

RiWay-Ox 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: a lubricant, antifogging agent, etc.

Characteristic Values*

Properties	Units	AOCS Test Method	RiWay-Ox GMO
Physical:			
Appearance	@ 25°C	Visual	Lt. Yellow Liquid
Clarity <small>molten form</small>	Gardner Tube	Visual	Clear
Color <small>molten form</small>	Gardner Scale	Visual	2 max
Moisture	%	Ca 2c-25	1 max
Viscosity <small>bubble secs</small>	@ 25°C Gardner Tube	Tq 1a-64	6 - 9
Chemical:			
Acid Value	mg KOH/g	Cd 3d-63	2 max
Saponification Value	mg KOH/g	Cd 3-25	150 – 170
Iodine Value	cg I ₂ /g	Tg 1-64	65 – 85
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°C), in tightly closed packaging, protected from dust, heat, & moisture.

Applications

Industry: Plastics	Key Role	Benefits	Dosage %
PVC	Internal Lubricant Anti-Fog	Reduces Melt Viscosity, Gives Thermal Stability, Better Optical Properties Retards Fogging on Films & Yields Transparency	0.3 – 1.0
PE	Anti-Fog	Retards Fogging on Films & Yields Transparency	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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