

## **RiSoft-Mx**

Lactic Acid Ester of Monoglycerides

HSN: 29157090 EEC: E-472b

### **Description**

RiSoft-Mx 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, stabilizer, structurant, etc.

### **Characteristic Values\***

Properties	Units	AOCS Test Method	RiSoft-Mx LTMG
<b>Physical:</b>			
Appearance	@ 25°C	Visual	Ivory Flakes
Clarity <small>molten form</small>	Gardner Tube	Visual	Clear
Color <small>molten form</small>	Gardner Scale	Visual	3 max
Moisture	%	Ca 2c-25	1 max
Melting Point	°C	Cc 1-25	48 +/- 2
Emulsion (5% disp. in hot water w/w)	@ 25°C	Visual	Stable
pH (pH paper)	@ 25°C	Visual	6 +/- 1
<b>Chemical:</b>			
Acid Value	mg KOH/g	Cd 3d-63	6 max
Saponification Value	mg KOH/g	Cd 3-25	220 – 280
Iodine Value	cg I <sub>2</sub> /g	Tg 1-64	3 max
Hydroxyl Value	mg KOH/g	Cd 13-60	300 – 330
Monoglycerides	%	Cd 11b-91 (GC)	25 min
Free Polyol	%	Cd 11b-91 (GC)	2 max
Lactic Acid Content	%	RRMPL	20 – 25

\*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: Food	Function	Benefits
Margarines	Emulsifier	Good emulsifier, stable crystalline structure

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

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

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