

## **RiAct-Cx**

Calcium Stearoyl Lactylate

HSN: 29181190

### **Description**

RiAct-Cx is a fatty acid ester made from 100% renewable raw materials derived from plant origin. It has versatile properties that allows it to act as: an emulsifier, humectant, etc.

### **Characteristic Values\***

Properties	Units	AOCS Test Method	RiAct-Cx CSL
<b>Physical:</b>			
Appearance	@ 25 <sup>o</sup> C	Visual	Ivory Flakes
Clarity (in liquid form)	Gardner Tube	Visual	Clear
Color (in liquid form)	Gardner Scale	Visual	3 max
Moisture	%	Ca 2c-25	1 max
Melting Point	<sup>o</sup> C	Cc 1-25	50 +/- 5
Emulsion (5% disp. in hot water w/w)	@ 25 <sup>o</sup> C	Visual	Stable
pH (pH paper dip in liquid)	pH Scale	Visual	7 +/- 1
<b>Chemical:</b>			
Acid Value	mg KOH/g	Cd 3d-63	60 – 85
Saponification Value	mg KOH/g	Cd 3-25	185 – 245
Ester Value	mg KOH/g	Formula (SV-AV)	125 – 160
Iodine Value	cg I <sub>2</sub> /g	Tg 1-64	2 max
Soap as Ca Stearate	%	RRMPL	58 – 62
Total Lactic Acid Con.	%	RRMPL	32.0 – 38.0

\*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<sup>o</sup>C), in tightly closed packaging, protected from dust, heat, & moisture.

### **Applications**

Industry: Personal Care	Function	Benefits
Creams	Emulsifier	Superior Moisturization, Smooth-Feel, Shelf-Life
Lipsticks	Emulsifier	Superior Moisturization, Smooth-Feel, Shelf-Life
Soaps	Emulsifier	Superior Moisturization, Smooth-Feel, Shelf-Life
Shampoos	Emulsifier	Superior Moisturization, Smooth-Feel, Shelf-Life

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

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

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