



RiAct-Cx

Calcium Stearoyl Lactylate (CSL)

Description

RiAct-Cx is made from renewable raw materials derived from plant origin. It has versatile properties that improve a product's chemistry/processability.

Characteristic Values*

Properties	Units	AOCS Test Method	<i>RiAct-Cx</i> CSL
Physical:			
Appearance	@ 25 ⁰ 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	⁰ C	Cc 1-25	50 +/- 5
Emulsion (5% disp. in hot water w/w)	@ 25 ⁰ C	Visual	Stable
pH (pH paper dip in liquid)	pH Scale	Visual	7 +/- 1
Chemical:			
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 ₂ /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 (< 35⁰C), in tightly closed packaging, protected from dust, heat, & moisture.

The information given in this leaflet is based on our own research & development work and is correct to the best of our knowledge. We recommend that the actual users should conduct their own tests to determine the suitability of our products for their end use. Users should refer to the MSDS and other relevant data for safe handling. Our Company shall not be responsible for any loss, injury, damage, and patent or law infringement, resulting from the use of this information.