HALLSTAR

OLIWAX® LC

INCI Name: Cetyl Palmitate, Sorbitan Palmitate, Sorbitan Olivate
Product Code: OLLC
Brand: Oliwax®

Oliwax® LC is a stabilizing agent and liquid crystal promoter that is able to reorganize emulsion structure on a microscopic level and is recommended in innovative and sophisticated cosmetic products. It can be easily used either in emulsions (in water or oil phase) or anhydrous systems, to which it provides a unique after-feel due to the high water content of the liquid crystalline structure formed in contact with the skin. Oliwax® LC is a waxy solid in flake form at 20°C (melting range 50 – 60°C) and is COSMOS-validated. The recommended use levels are 3 – 4% in sunscreen emulsions as an SPF booster, 2 – 4% in o/w and w/o emulsions as a liquid crystal promoter, 1 – 5% in make-up products as a structuring agent, 1 – 3% in w/o and o/w emulsions as a hydrating and moisturizing agent, and 1 – 2% in sunscreens as a viscosity stabilizer. Shelf life: 36 months.

Features & Benefits:

- Biodegradable
- Co-emulsifying Agent
- COSMOS
- Emulsifying Agent (O/W)
- Emulsion Stabilizing Agent
- Feel Modification/Enhancement
- Humectant
- Moisturizing Agent
- SPF Enhancement

Appearance	Waxy solid in flakes (20°C)
Color	White - ivory
Odor	Slight, characteristic
Melting Range (°C)	50 - 60
Saponification Value (mg KOH/g)	115 - 130
Acid Value (mg KOH/g)	10.0 maximum
Water [Moisture] (%)	1.0 maximum
Actives, %	99.0 - 99.9

Additives and Preservatives	None
Soluble In	Ethyl Acetate Mineral Oil (hot) Vegetable Oil (hot) Water (hot: dispersible)
Toxicology Profile	Biodegradability: Readily biodegradable (OECD 301-B) Skin Irritation: Not irritating (patch test)
Packaging	Drum - 20kgs

Regional Approvals:

- EU
- US

Applications:

- Daily Wear Sun Care
- Facial Skin Care
- Hand & Body Care

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