

# OLIVEM® 1000

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**INCI Name:** Cetearyl Oliviate, Sorbitan Oliviate

**Product Code:** O100

**Brand:** Olivem®

Olivem® 1000 is a PEG-free self-emulsifying multifunctional ingredient (white to ivory waxy flakes at 20°C, melting point ~ 70°C). It is a complex combination of fatty acids, chemically similar to the lipidic composition of the skin surface. Olivem® 1000 has the ability to generate liquid crystal structures that mimic the stratum corneum organization. As the sole emulsifier, Olivem® 1000 provides a deep moisturizing effect with excellent spreadability and no soapy effect. It has good compatibility with Dihydroxyacetone and with alpha-hydroxy acids and is useful in formulations with pH 3 – 12. Further, it is COSMOS-validated. The recommended use level for Olivem® 1000 is 1.5 – 4% in o/w emulsions as the sole emulsifier (3 – 4% for higher viscosity systems). Shelf life: 60 months.

## Features & Benefits:

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- Biodegradable
- COSMOS
- Emulsifying Agent (O/W)
- Moisturizing Agent
- Plant Derived / Vegetal Based

Appearance	Waxy solid in flakes (20°C)
Color	White - ivory
Odor	Slight, characteristic
<b>Soluble In</b>	Alcohol [Ethanol] Ethyl Acetate Glycerin (dispersible) Isopropyl Alcohol Methyl Alcohol Mineral Oil (dispersible) Propylene Glycol (dispersible) Vegetable Oil (dispersible) Water (hot: dispersible)
<b>Toxicology Profile</b>	Biodegradability: Readily biodegradable (28 day - 96%) Repeat Insult Patch Test (Human): Not irritant
<b>Packaging</b>	Drum - 20kgs

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## Regional Approvals:

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- EU
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## Applications:

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- After Sun Skin Care
- Daily Wear Sun Care
- Eye Area Color Cosmetics
- Facial Cleansers
- Facial Color Cosmetics
- Facial Skin Care
- Hair Conditioners
- Hand & Body Care
- Nail Care
- Self-Tanners

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## RELATED PRODUCTS

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### OLIVEM® 2020

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Olivem® 2020 is a naturally-derived cold process emulsifier based on olive oil chemistry for energy efficient operations. It is a multifunctional biomimetic ingredient, combining excellent emulsification performance and natural dermollience, and can also be used as a sensorial modifier, stabilizer and thickener.

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