

Vercarem STELA



Description and applications:

This multifunctional product combines emulsification properties with excellent moisturizing and skin conditioning.

- Co emulsifier

The high HLB-value and its anionic nature make Vercarem STELA an ideal co- emulsifier. When using oils with higher polarity, a higher amount of Vercarem STELA should be employed.

- Co detergent

Because of its high HLB-value Vercarem STELA has also a mild cleaning effect. It can improve the foaming capacity of other surfactants and will concurrently lead to a smooth skin feel.

- Hair care

The affinity to protein structures can also be exploited in hair care formulations. Vercarem STELA primarily binds on damaged sites to the hair's surface and can improve the performance of some film forming polymers.

- Rheology improvement

Vercarem STELA can improve viscosity in emulsions and shower products.

- Mildness

To maintain the skin's integrity, it is important to conserve the physiological pH and to retain the skin's amino acid layer. Vercarem STELA is more selective than other surfactants and only washes away a small portion of the skin's amino acids, thus leaving the skin in a more natural condition.

Dosage: 1- 3%

INCI: Sodium stearoyl lactylate



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Physical properties:

Appearance	Powder cream coloured
Saponification value	190-240 mg KOH/g
Acid value	60-80 mg KOH/g
Iodine value	$\leq 3 \text{ gI}_2/100\text{g}$
Ester value	120-190 mg KOH/g

Shelf life:

2 years as long as it is kept in closed original containers at recommended temperatures.

Storage:

Keep packaging unopened and undamaged. Store at room temperature in a clean and aerated place.

Packaging:

Bags (25 kg per bag, 875 kg on pallet).

Use:

Cosmetic ingredient.



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