

HITECREAM[®] 3000

Smoothness enhancer



FOCUS INFO

INCI NAME

Potassium Palmitoyl Hydrolyzed Oat Protein, Behenyl Alcohol, Palm Glycerides, Sodium Stearoyl Glutamate, Sucrose Palmitate

SPECIFICATIONS

Aspect:	waxy beads
Colour:	from ivory to pale yellow
Odour:	characteristic
pH (sol 10%):	6.5 – 7.5
Melting point:	61° - 64°C
HLB:	10 ± 1

COSMETIC APPLICATIONS

Ideal for: fluid emulsions, milks and body lotions.



VEGETABLE ORIGIN



SAFE PROFILE

DESCRIPTION

Vegetable origin emulsifier composed of a well balanced blend of natural origin lipids and lipoproteins.

It forms a protective layer able to improve the skin hydration.

PROPERTIES

Its special structure forms a liquid crystal network which improves the spreadability and the adesion on the skin.

This emulsifier allows to obtain a multilamellar structure which gives a high stability to the formulation enhancing a soothing and refreshing sensation during the application.

HIGHLIGHTS

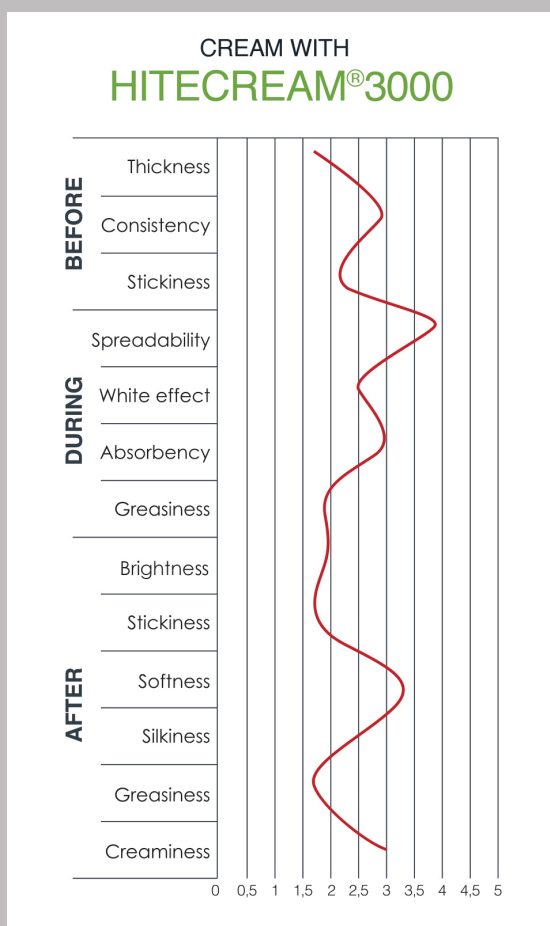
- Liquid crystal network
- High adesion on the skin
- Easy to formulate and handle
- High spreadability

TECHNICAL BENEFITS

- High hydration
- High stability
- Reliable also with no co-emulsifiers
- Compatible with different lipophilic substances

SKIN FEELING

Its light texture and its high spreadability give to the emulsion a pleasant velvet touch, a high hydration and a feeling of freshness during the application.



AFTER SHOWER BODY LOTION

INGREDIENTS	PHASE	%w/w
HITECREAM®3000(Potassium Palmitoyl Hydrolyzed Oat Protein, Behenyl Alcohol, Palm Glycerides, Sodium Stearoyl Glutamate, Sucrose Palmitate)	A	10,00
Cetearyl isononanoate	A	5,00
Dicaprylyl Ether	A	4,00
Caprylic/Capric Triglyceride	A	5,00
Coco-Caprylate (and) Undecane (and) Tridecane	A	1,00
Heptyl Undecylenate	A	1,00
Lecithin, Tocopherol, Ascorbyl Palmitate, Citric Acid	A	0,05
Water	B	68,35
Disodium EDTA	B	0,10
Carrageenan	B	0,80
Sodium Benzoate	B	0,30
Naticide (Parfum)	C	0,80
Red Alga Gel (Ahnfeltiopsis Concinna Extract)	C	2,00
Trisolve® (Trehalose, Ceramide NS, Cholesterol, Hydrogenated Lecithin)	C	1,00
Fragrance	D	0,50
Lactic Acid	D	0,10

METHOD

- Heat phase B at 75°C
- Heat phase A at 70-75°C
- Add Carrageenan to B under fast stirring
- Add phase A to B under fast stirring until homogeneous system
- Cool down at 25°C and add the remaining phases

CHARACTERISTICS

Appearance: Semi-fluid mulsion
 Colour: white ivory
 Odour: characteristic
 pH: 5.8
 Viscosity: ≈ 4500 mPa*s

*Formulation tested in Sinerga Research Centre according to stability and laboratory manufacturing procedures.