

SENSOCREAM

Green-carrier emulsifier



FOCUS INFO

INCI NAME

Potassium Lauroyl Wheat Amino acids,
Sunflower Seed Oil Glycerides, Capryloyl Glycine

INCI NAME Sensocream EC (Cosmos Version):

Potassium Lauroyl Wheat Amino Acids,
Sunflower Seed Oil Glycerides, Disodium
Cocoyl Glutamate



SPECIFICATIONS

Aspect:	Opalescent, consistent gel
Colour:	from pale yellow to yellow
Odor:	characteristic
pH:	7.00 – 8.00
Dry residue (at 105°C):	58.00-62.00%
Usage:	5 - 10%
HLB:	7±1

COSMETIC APPLICATIONS

- Sprays
- Hyperfluid emulsions
- Wet wipes
- From serum to emulgels



VEGETABLE ORIGIN



SAFE PROFILE

O/W EMULSIFIER

A combination of vegetable-based substances, lipoaminoacids and sunflower oil glycerides, for emulsions with very low interfacial energy. Versatile emulsifier able to form nano-emulsion with the Tyndall effect.

- It forms stable systems with a low interfacial tension.
- It doesn't lead to flocculation, sedimentation or coalescence.
- It is an excellent carrier for cosmetic active ingredients (Patent MI2005A000218).

PROPERTIES

- Tyndall effect.
- Possibility of modulating the viscosity according to the chosen rheological additive.
- Its particular structure increases the absorbency without leaving a white effect.
- Not greasy, not sticky and very light.
- It gives a silky silicon-like skin feeling (both during and after application).
- Dry touch replacing the presence of alcohol in the formula.

AFTER SUN RECOVERY GEL
LSIN8220

INGREDIENTS	PHASE	%	FUNCTION
Aqua	A	70.00	Solvent
Disodium EDTA		0.10	Chelant
Glycerin		2.00	Humectant
Carbomer		0.90	Rheological agent
SENSOCREAM (Potassium Lauroyl Wheat Amino Acids (and) Sunflower Seed Oil Glycerides (and) Capryloyl Glycine)	B	5.00	Emulsifier
Butyrospermum Parkii (Shea) Butter		1.00	Emollient
Prunus Amygdalus Dulis Oil		1.00	Emollient
Cetearyl Isononanoate		9.00	Emollient
Dicaprylyl Ether		3.00	Emollient
Tocopheryl Acetate		0.10	Anti-oxidant
Bisabolol		0.50	Active
NaOH 30%	C	1.20	pH adjuster
MINTIOL (Parfum)	D	2.00	Micr. Inhibitor
LENIPHENOL® (Pinus radiata Bark Extract)	E	1.00	Active
AVENOLAT (Avena Sativa Kernel Extract, Hydrolyzed Oat Protein, Potassium Palmitoyl Hydrolyzed Oat Protein)	F	3.00	Emollient
Parfum	G	0.20	Parfum

CHARACTERISTICS

Aspect:	Semi-fluid emulsion
Color:	Light beige / beige
Odor:	characteristics
PH:	6.5 – 7.5
Brookfield viscosity SP 5,	
RPM 20 :	7000 – 10000 mPa·s

METHOD

Weight phase A and heat at 70°C, then repeat with B.
Add B to A under stirring.
Then add C. Cool down to 30°C add the remaining phases.

SERUM IN OIL
LSIN8558

INGREDIENTS	PHASE	%	FUNCTION
SENSOCREAM (Potassium Lauroyl Wheat Amino Acids (and) Sunflower Seed Oil Glycerides (and) Capryloyl Glycine)	A	10.00	Emulsifier
Cetearyl Isononanoate		5.00	Emollient
Isononyl Isononanoate		5.00	Emollient
Tocopheryl Acetate		0.20	Anti-oxidant
Aqua	B	30.00	Solvent
Aqua	C	To 100	Solvent
Trisodium Ethylendiamine Disuccinate		0.20	Chelant
Glycerin		5.00	Humectant
RED ALGA GEL EC (Ahnfeltiopsis Concinna Extract)		10.00	Active
Ammonium Acryloyldimethyltaurate/VP Copolymer	D	1.50	Rheological agent
FENIOL (Phenethyl Alcohol, Caprylyl Glycol)	E	1.20	Micr. Inhibitor

CHARACTERISTICS

Appearance:	Fluid emulsion
Colour:	Ivory
Odour:	Rose scented
pH:	6.5 – 7.5
Brookfield viscosity SP	
3, RPM 20:	1.000 – 1.500 mPa·s

METHOD

Weight phase A and heat at 75°C, then weight phase B and heat at 65°C and add to A under stirring.
Add C under stirring (previously heated to 30-40°C). Cool down to room temperature. Add D under slow stirring, then E.

*Do not modify the pH value that you get at the end of the method.