

Natural
Vegetable
Functional

The Lipid Expert!

Lipex® L'sens

- Vegetable ingredient that possesses lanolin-like properties
- Absorb up to 150% water
- Velvety afterfeel and moisturising effect in one

Product name

Lipex® L'sens

INCI name

INCI: Soybean Glycerides (and) Butyrospermum Parkii Unsaponifiables (EU). Soybean Glycerides (and) Butyrospermum Parkii (Shea Butter) Unsaponifiables (U.S.).

Physical form/Consistency at 20 °C

Glycerides, Semi-solid (mp 39 °C)

Regulatory Status

CTFA

Recommended use levels

Emulsions 1-4%
Anhydrous products 5-10 %

Packaging

Drum 185 kg. Pail 18 kg

Product Data Sheet/Article number

8531

Formulations

JT-03-08, Body Comfort Mango Milk
JT-04-09, Smoothing Emulsion with Lipex® L'sense and Lipex® Sheasoft
JT-05-32, All over Body Balm

Patents

WO 03099240/EP1507505

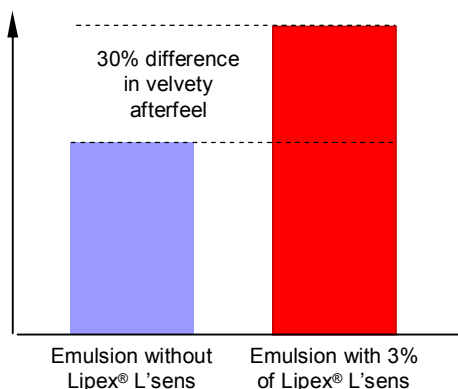
August 2008

Functionality and benefits

Lipex® L'sens is a true vegetable ingredient, that possesses lanolin-like properties with respect to touch, structure, gloss, film-forming and water absorbing capacity. Additionally, unique technology developed by AarhusKarlshamn allows for the manufacture of a low-smell product, which is acceptable by formulators even for fragrance-free products.

Velvety afterfeel that lasts longer

To show the specific impact on sensory properties of an applied cosmetic product containing Lipex® L'sens, a sensory test was performed on a body lotion with 3% of Lipex® L'sens and the comparison was done versus the same formulation with soybean oil. The results are clear - the panelists were choosing the emulsion with Lipex® L'sens as the one, which was giving a "velvety afterfeel". The excellent skin-smoothing effect is achieved by a unique combination of soy glycerides and shea butter unsaponifiables. The film-forming properties also allow the effect to last longer.



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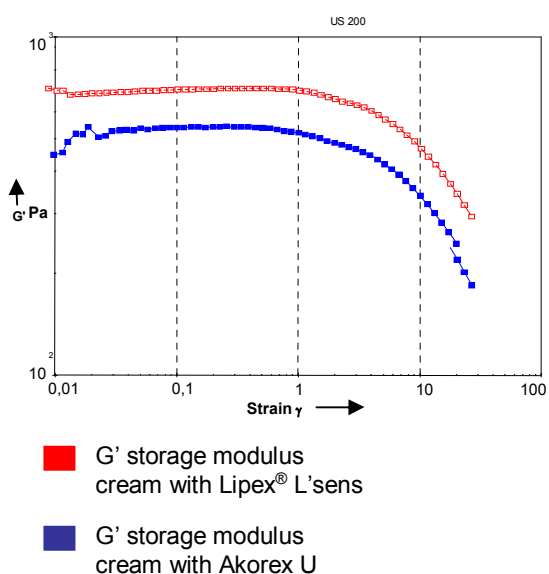
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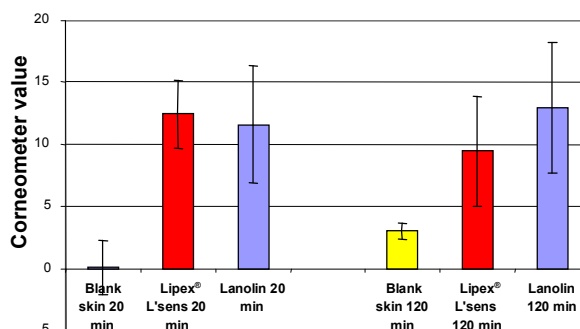
Structure and rheology modifier

Lipex® L'sens shows a similar impact on formulations as lanolin. Already 2-3% adds structure to the emulsion, making it more "creamy". The attached chart compares the modulus of a skin care cream containing Lipex® L'sens versus the soybean oil based formulation.

Rheological behaviour of cream at 20°C



Moisturizing effect of Lipex® L'sens



Applications

Instant moisturiser in skin care

Pure Lipex® L'sens can absorb up to 150% of water. It makes it a suitable formulating tool to create modern cosmetic products. It can also be used as additional, natural co-emulsifier. Additionally, in-house tests were performed to evaluate the skin moisturising properties. The results are presented on the chart. Lipex® L'sens brings an immediate increase in skin moisturisation on application, an effect which lasts for a few hours. The effect is comparable to that of lanolin.

Colour cosmetics

The application of Lipex® L'sens is not limited to "white cosmetics". As a lanolin alternative, it may be used wherever vegetable ingredients are demanded and preferable over animal ones. It includes lipsticks, lip balms and glosses. The shine of Lipex® L'sens will be visible! Additionally, the adhesiveness that appears due to the shea butter unsaponifiables may help to achieve the desired long-lasting effect and smooth, velvety lip surface.