

Personal Care

AAK

enhancing
the power
of nature



Lipex L'sens™

Rich in moisturising and conditioning properties to provide a silky, soft afterfeel in skin, hair and lip care applications

emollients

Lipex L'sens™

Lipex L'sens is a highly polar, semisolid soft emollient with high substantivity to skin and hair. It is derived from a combination of soybean glycerides, which provide the polarity, and shea butter unsaponifiables, which contribute to the consistency and skin feel.

Lipex L'sens is a vegetable based ingredient with high purity and a good safety profile. It is readily biodegradable and has low eco-toxicity.

Lipex L'sens combines well with other vegetable based emollients and emulsifiers as well as with most synthetic and mineral oil based materials used in cosmetics. It also offers good compatibility with waxes used in stick formulations, making it suitable also for demanding applications such as lipsticks. In emulsion formulations, it forms part of the emollient phase but due to its polar character it also acts as a texturising agent in the formulation.

Lip care

Lipex L'sens provides softening and moisturising effects in lip care

applications. It increases the film forming properties of lip balms and can be used in all product forms such as tubes, sticks and jars. The high refractive index contributes to increased gloss on the lips and in the formulation.

Hair care

Lipex L'sens has good properties for hair care applications, for example as a component in conditioners and hair masks. Its high spreadability combined with good substantivity to hair leaves the hair soft and glossy.

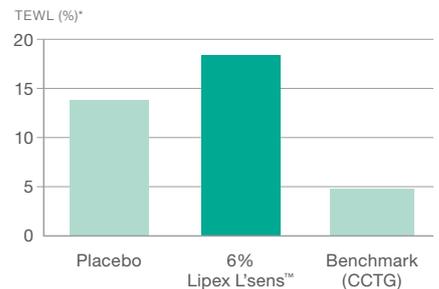
Skin care

Lipex L'sens improves the film forming properties in skin care emulsions and provides a silky soft afterfeel to the skin. It also acts as a co-emulsifier when combined with more polar emulsifiers, creating elegant and glossy emulsions. In addition, it can be used in pigmented systems such as sunscreen formulations and BB/CC creams, improving spreadability and sensory properties.

Lipex L'sens improves the skin barrier compared with placebo and benchmark

When used as a component of the emollient phase in body care Lipex L'sens improves skin barrier properties. A significant reduction of the TEWL was observed when comparing a body lotion with 6% Lipex L'sens against a placebo and benchmark (CCTG).

The skin feel is characterised as soft, silky and well moisturised without pronounced tackiness.



In vivo moisturisation study shows that the optimum concentration of Lipex L'sens is around 6%.

* TEWL reduction versus untreated skin 4 hours after application.

Application advice – Lipex L'sens™

Skin care			Hair care			Colour cosmetics	
Light lotions and serums	Lotions and creams	Body butters	Rinse-off conditioners	Leave-in conditioners and hair masks	Styling and treatments	Lip balms	Lipsticks
1-2%	1-3%	1-5%	0.5-1.0%	1-2%	1-5%	1-10%	1-5%
Sensorial improver, emollient and moisturiser			Moisturiser and gloss improver			Adhesiveness, gloss improver and moisturiser	

Product name	Lipex L'sens™
INCI name	Soybean Glycerides (and) Butyrospermum Parkii Butter Unsaponifiables (EU) Soybean Glycerides (and) Butyrospermum Parkii (Shea) Butter Unsaponifiables (US)
Physical form 20 °C	Semi-solid
Regulatory status	Cosmetic regulation EC 1223/2009, REACH Exempted (Annex IV, SDA 11)
Melting point (°C)	36
Appearance	Yellowish, semi-solid paste
Refractive index (at 60 °C)	1.458
Unsaponifiables (%)	5-7
Oxidative stability index (h, 110°C)	>100

- ◆ Soft, polar emollient for all personal care formulations
- ◆ High stability and long shelf life
- ◆ Moisturising and conditioning