Highly polar, semi-solid, shea-based oleogel for improving moisturizing, conditioning and light-reflecting benefits in skin, hair and lip care formulations.
**Lipex L’sens™**

**Recommended applications:** skin care, hair care, lip care and lipsticks

**INCI NAME** Soybean Glycerides (and) Butyrospermum Parkii Unsaponifiables

Derived from a unique combination of soybean glycerides and shea butter unsaponifiables, Lipex L’sens shows high substantivity to both hair and skin. Its properties in regard to touch, structure, gloss, film-forming and water-absorbing capacities make it an excellent vegan-based alternative to lanolin. 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 has good compatibility with waxes typically used in lipstick formulations.

**Skin care applications**

**Typical use concentrations:** 1–3% for lotions and creams, 1–6% for body butters

**Key features and benefits**

- Film-forming properties improve moisturization and deliver a silky-soft after feel to the skin. When used as a component of the emollient phase in body care Lipex L’sens has been shown to improve skin barrier properties and significantly reduce trans-epidermal water loss (TEWL).
- High polarity controls texture in emulsion formulations, increasing spreadability and enhancing sensory benefits.
- High polarity also makes Lipex L’sens suitable for use in o/w and w/o formulations when combined with suitable emulsifiers.

**Lipex L’sens™ improves skin barrier properties**

<table>
<thead>
<tr>
<th>TEWL (%)*</th>
<th>Placebo</th>
<th>6% Lipex L’sens™</th>
<th>Benchmark (CCTG)</th>
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In vivo moisturization study shows that the optimum concentration of Lipex L’sens™ is around 6%.

* TEWL reduction versus untreated skin 4 hours after application.

**Formulation suggestions**

**Skin care**

Moisturising Lotion For Every Body

AAK-16-242Y

**Recommended AAK partner products:** Lipex SheaSoft™, Lipex Bassol C™, Lipex SheaLiquid™
Lip care and lipstick applications

**Typical use concentrations:** 1–10% for lip balms, 1–5% for lipsticks

**Key features and benefits**
- Film-forming properties improve softening and moisturizing benefits
- Polar character ensures uniform pigment dispersion
- High refractive index contributes to a gloss effect on the lips
- High viscosity ensures long-term adhesion of the formulation to the lips

**Formulation suggestions**

<table>
<thead>
<tr>
<th>Lip care</th>
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<tr>
<td>Shea Innovations Smooth &amp; Shine Lip Mask</td>
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<td>AAK-18-2434</td>
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SheaSoft™, Lipex Bassol C™, Lipex SheaLiquid™ TR
Hair care applications

Typical use concentrations:
0.5–1% for rinse-off conditioners, 1–2% for leave-in conditioners, 1–5% for styling products

Key features and benefits
• High spreadability combined with good adhesion make Lipex L'sens ideal for hair conditioning treatments. It has been shown to outperform placebo and synthetic benchmarks in reducing wet combing force.
• High polarity controls texture in emulsion formulations to deliver a rich, creamy appearance and enhanced aesthetics.

Lipex L'sens™ reduces wet combing force

In vitro efficacy study of Lipex emollients versus synthetic and placebo benchmarks in rinse-off conditioners. “Mix” is a 1:1 blend of Lipex SheaLight™ and Lipex L'sens™.

Formulation suggestions
Hair care
Deep Nourishing Conditioning Treatment
AAK-16-270

Recommended AAK partner products: Lipex SheaSoft™, Lipex Bassol C™, Lipex SheaLiquid™ TR

For samples, specifications, formulations and more, please visit aakpersonalcare.com