



■ **Bioactive Emollients**

INCI NAME: CANOLA OIL (OR) OLUS OIL

# LIPEX<sup>®</sup> PreAct<sup>™</sup>

This canola-based bioactive emollient is naturally rich in tocopherols and phytosterols, with documented skin protecting and strengthening benefits.

Lipex PreAct is a bioactive emollient derived from non-GMO canola crops traceable to Swedish farms and is an effective moisturizer, naturally rich in antioxidant tocopherols and phytosterols. These properties combine to prepare and protect skin against UV radiation (PRE) and actively restore a compromised skin barrier function (ACT). Its composition makes it naturally highly stable without the need for additional antioxidants.



**Recommended applications:** skin care, lip care, sun care and dermo-cosmetics

**Appearance:** slightly yellow, clear to cloudy liquid

**Cloud point:** 6 °C

**OSI:** 50 hours at 120 °C

**Certifications and standards:** NATRUE Compliant, Ecocert, COSMOS Approved, China Compliant, Halal, Kosher, Vegan-friendly

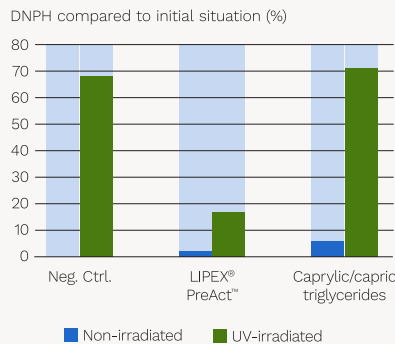
**Traceable**  
**Skin-strengthening**  
**Photo-protecting**  
**Oxidative stable**  
**Soothing**  
**Moisturizing**

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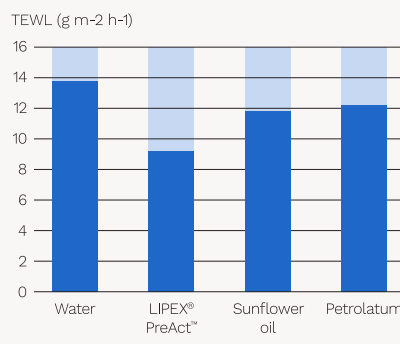
## Key features and benefits:

- An in-vitro study of protein oxidation on epidermal skin cells after UV exposure shows that Lipex PreAct offers significant protection to both proteins and cell membranes and reduces the formation of inflammatory mediators. All of which makes it particularly suitable for after-sun and environmental protection formulations.
- Results on skin explants irradiated by UV further demonstrate the photo-protecting properties. Treatment with a Lipex PreAct cream showed a complete absence of sunburn cells and reduced formation of thymine dimers, indicating DNA protecting capacity.
- The unique blend of tocopherols and phytosterols has been clinically shown to protect and strengthen the skin barrier after surfactant-induced damage, making Lipex PreAct ideal for skin care applications targeted at sensitive and delicate skin.
- High oxidative stability provides long shelf life.

LIPEX<sup>®</sup> PreAct<sup>™</sup> protects skin proteins and lipids against photo-oxidation



LIPEX<sup>®</sup> PreAct<sup>™</sup> reduces transepidermal water loss (TEWL) after SLS challenge



## Formulation suggestions:

### SKIN CARE:

**DermaShield Daily Moisturizer SPF 30**  
AAK-22-003

**Purely Amazing Eco Cleansing Balm**  
AAK-19-019

**Saving Face Overnight Rescue Cream**  
AAK-19-028

**Shea Innovations DermaRich Face Moisturizer**  
AAK-18-307

**Urban Defense Daily Face Cream SPF 30**  
AAK-17-312

### LIP CARE:

**Kissably Soft Eco Lip Care**  
AAK-19-006

### SUN CARE:

**After Sun Soothing Spray Oil**  
AAK-14-278

**Redness Relief After Sun Repair Cream**  
AAK-19-029

**Sun Care Lotion SPF 30**  
AAK-14-103

## Typical use concentrations:

- 1–5% for skin care
- 2–10% for lip care
- 1–3% for sun care

## Recommended AAK partner products:

- LIPEX<sup>®</sup> Collect<sup>™</sup>
- LIPEX<sup>®</sup> SheaTris<sup>™</sup>
- LIPEX<sup>®</sup> Bassol C<sup>™</sup>
- LIPEX<sup>®</sup> L'sens<sup>™</sup>
- LIPEX<sup>®</sup> SheaLiquid TR<sup>™</sup>
- LIPEX<sup>®</sup> SheaSoft TR<sup>™</sup>
- LIPEX<sup>®</sup> SheaSolve<sup>™</sup>