



Bioactive emollient derived from non-GMO Swedish canola. Naturally rich in antioxidant tocopherols and phytosterols with documented photoprotection and skin strengthening benefits. Suitable for a wide range of cosmetic applications.

redefine
natural

Lipex PreAct™

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

INCI NAME Canola oil

Bioactive emollient derived from non-GMO Swedish canola. Lipex PreAct 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.

Appearance: Slightly yellow, clear to cloudy liquid

Cloud point: 6°C

OSI: >100 hrs at 110°C



COSMOS APPROVED



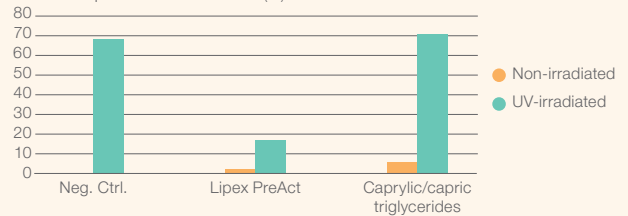
Typical use concentrations: 1–5% for skin care, 2–10% for lip care, 1–3% for sun care

Key features and benefits

- An in-vitro study of protein oxidation on epidermal skin cells after UV-exposure shows Lipex PreAct offers significant protection of both proteins and cell membranes, as well as reduced formation of inflammatory mediators. This makes Lipex PreAct particularly suitable for after-sun and environmental protection formulations.
- The photo-protecting properties are further demonstrated in skin explants irradiated by UV. Treatment with a Lipex PreAct cream resulted in 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.

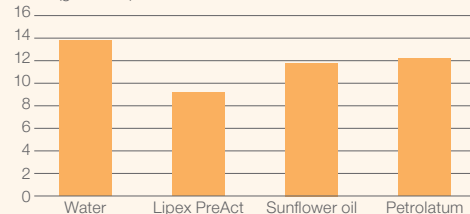
Lipex PreAct™ protects skin proteins and lipids against photo-oxidation

DNP-H compared to initial situation (%)



Lipex PreAct reduces transepidermal water loss (TEWL) after SLS challenge

TEWL (g m⁻² h⁻¹)



Formulation suggestions

After Sun Soothing Spray Oil
AAK-14-278

Naturally Gentle Eco-Conscious Face Cream for sensitive skin
AAK-19-007

Shea Innovation DermaRich Face Moisturizer
AAK-18-307

Calming and soothing cream for babies
AAK-16-241

Kissably Soft Eco Lip Care
AAK-19-006

re-balancing oxidative stable
skin-strengthening
soothing anti-pollution
eco-friendly
photo-protecting

Recommended AAK partner products: Lipex Collect™, Lipex SheaTris™, Lipex SheaSoft™ TR, Lipex Bassol C™, Lipex SheaLight™, Lipex SheaLiquid™ TR, Lipex Lsens™

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



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