

FACT SHEET

GREEN TEA EXTRACT (CAMELLIA SINESIS).

PRODUCT OVERVIEW

Green tea is beneficial for skin due to its high antioxidant content, specifically catechins like EGCG, which offer anti-inflammatory, anti-aging, and UV-protective effects. It can help reduce skin irritation, redness, and puffiness, fight acne and oily skin, smooth fine lines, and potentially prevent skin cancer. These benefits can be obtained by applying products containing green tea extract to the skin.

FEATURES & KINETICS

- Anti-inflammatory, radical-scavenging & skin-protective
- pH Stability
- Absorption & Penetration
- Half-life of Activity
- Thermal & Light Sensitivity
- Bioavailability & Retention

MECHANISM OF ACTION

1. Antioxidant & UV Protection: Neutralizes ROS, reduces oxidative stress, and protects against UV-induced damage.
2. Anti-Inflammatory: Suppresses pro-inflammatory mediators, reducing redness and irritation.
3. Skin Regeneration & Anti-Aging: Maintains collagen and elastin, improves firmness, and reduces wrinkles.

KEY INGREDIENTS

- Green tea Extract

STORAGE CONDITIONS

- Must be stored at 2-8 °C.
- Protect from direct sunlight (use opaque or amber containers).
- Extracts should contain preservatives

APPLICATIONS:

Green tea extract is applied as an antioxidant, anti-aging, anti-inflammatory, UV-protective, anti-acne, skin-brightening, pore-tightening, and hair care ingredient.

