

FACT SHEET

PRODUCT OVERVIEW

Anise (*Pimpinella anisum*) is a valuable cosmetic ingredient with multiple skin benefits. It shows antibacterial activity helpful for acne care, antifungal effects useful in dandruff and antifungal skincare, strong antioxidant properties that protect against aging and UV damage, and anti-inflammatory action that soothes sensitive or irritated skin. These combined activities make it suitable for use in anti-acne, anti-aging, protective, and calming formulations for both skincare and haircare.

FEATURES & KINETICS

- Natural, aromatic, and soothing
- Lipophilic penetration
- Anti-aging
- Antioxidant
- Anti-acne
- Anti-microbial
- Anti-Inflammatory

MECHANISM OF ACTION

1. Membrane action: Lipophilic compounds disrupt bacterial/fungal membranes, blocking growth or causing cell death.
2. Antioxidant Effect: Phenylpropanoids neutralize ROS, protecting collagen, lipids, and DNA from damage.
3. Anti-Inflammatory Effect: NF- κ B pathway inhibition lowers cytokines, reducing redness, irritation, and aging signs.

KEY INGREDIENTS

- Anise Extract

STORAGE CONDITIONS

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

APPLICATIONS:

Anise extract is applied as an antibacterial, anti-acne, anti-inflammatory, antioxidant, anti-aging, brightening, soothing, healing, sebum-balancing, and aromatic ingredient in skin care formulations.

