

FACT SHEET

ONION EXTRACT ALLIEM CEPA

PRODUCT OVERVIEW

Onion extract, rich in quercetin and sulfur compounds, regulates collagen metabolism to improve scar texture and flexibility while preventing hypertrophic scarring. It also provides antioxidant protection, anti-inflammatory relief, and antimicrobial defense, supporting wound healing and skin regeneration.

Features and Kinetics

- Scar-healing, protective
- Rich in Bioactives
- Anti-inflammatory Effect
- Scar Reducing
- Antioxidant Mechanism
- Antimicrobial

Mechanism of Action

1. Regulation of Collagen Remodeling: Onion extract increases MMP-1 activity and balances it with TIMP-1, preventing excess type I collagen buildup in scars and improving skin texture.
2. Antioxidant Action: Quercetin and flavonoids neutralize free radicals, lowering oxidative stress that accelerates aging and delays healing.
3. Anti-Inflammatory & Antimicrobial Effects: Onion extract reduces inflammation (redness, irritation, swelling) and its sulfur compounds protect skin with antibacterial and antifungal activity

Key Ingredients

- Onion Extract

Storage conditions

- Must be stored at 2-8 °C.
- Protect from direct sunlight.
- Extracts should contain preservatives.

Applications:

Onion extract is applied in skincare for scar treatment, wound healing, anti-inflammatory soothing, acne care, antioxidant anti-aging, pigmentation control, and hair growth support.

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For more information, visit <https://beauticslab.tech/>