

## FACT SHEET

### Vitamin E (Tocopherol)

#### PRODUCT OVERVIEW

It is a targeted transdermal delivery platform engineered with advanced niosomal encapsulation and sustained-release (SR) technology. Designed specifically for scar treatment, it ensures high stability and retention of active ingredients within the skin, promoting effective tissue repair and long-lasting results.

#### FEATURES AND KINETICS

- Potent antioxidant activity
- Improves skin hydration
- Reduces UV-induced damage
- Enhances wound and scar healing
- Biocompatible and well tolerated

#### APPLICATIONS

- Moisturizing and anti-aging skincare (creams, lotions, and serums for hydration and wrinkle care).
- Sun and skin recovery care (after-sun soothing and UV-protective products, including scar and wound support).
- Haircare for shine and protection.

#### MECHANISM OF ACTION

1. Antioxidant defense: Neutralizes free radicals and prevents lipid peroxidation.
2. Barrier support: Strengthens the skin's protective function and reduces trans epidermal water loss (TEWL).
3. Skin repair: Promotes healing, reduces inflammation, and supports recovery from environmental stress.

#### KEY INGREDIENTS

- Vitamin E (Tocopherol)

#### STORAGE CONDITIONS

- Storage: 15-25 °C; refrigeration (2-8 °C) optional. Avoid freezing.
- Protection: Keep in tightly sealed, opaque containers, protected from light and oxygen.
- Handling: Avoid prolonged heat exposure and repeated air contact to prevent oxidation.