

KOSTER



KEUNEN



Kester
K-45

NATURAL LUXURY FROM JOJOBA

Kester K-45 is a soft, creamy paste of jojoba esters created by transesterification of jojoba oil and wax. This natural ester provides a smooth, luxurious feel while delivering emolliency, stability, and moisture retention. It is an excellent emollient making it ideal for a wide range of formulations. It offers non-greasy emolliency, oxidative stability, and a luxurious skin feel. It can be used in both wash off and leave on applications.

We've Got A Wax For That TM

MULTIFUNCTIONAL BENEFITS

- **Moisturizes & Protects:** Reduces dryness, roughness, and flakiness
- **Strengthens Skin:** Supports healthy skin barrier
- **Luxurious Feel:** Non-greasy, smooth sensory profile
- **Color Cosmetic Performance:** Enhances coverage, payout, and oxidative stability
- **Hair Care:** Reduces wet and dry comb friction, enhances shine

APPLICATIONS

- **Skin Care:** Creams, lotions, serums, masks, balms
- **Color Cosmetics:** Lipsticks, foundations, primers
- **Hair Care:** Conditioners, treatments, styling products
- **Sun & Baby Care:** Sunscreens, after-sun, diaper creams

FORMULATION GUIDELINES

- **Use Level:** 1–10% depending on system and desired effect
- **Form:** Soft white paste
- **Melting Point:** 42–48°C
- **Processing:** Add to the oil phase; process between 58– 85°C

Kester K-45

A multifunctional jojoba ester for today's personal care formulations



AT A GLANCE

Skin Care Studies Coming

- Sensorial Tests
- Moisture Barrier
- Skin Moisturization
- RIPT

Hair Care Studies Coming

- Wet Combing
- Dry Combing
- Shine
- Sensorial Tests

