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.

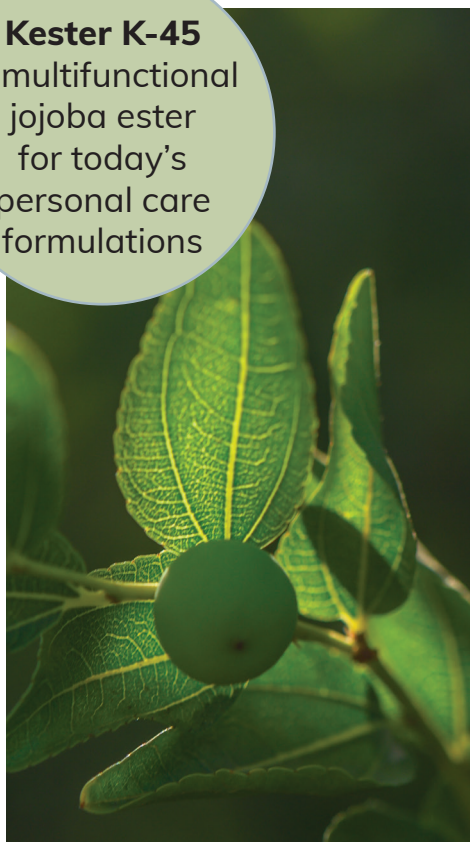
MULTIFUNCTIONAL BENEFITS

- **Moisturizes & Protects**: Reduces dryness, roughness, and flakiness
- **Strengthens Skin**: Supports heathy 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

Kester K-45
A multifunctional jojoba ester for today's personal care formulations



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

AT A GLANCE

Skin Care Studies Coming

- Sensorial Tests
- Moisture Barrier
- Skin Moisturization
- RIPT

Hair Care Studies Coming

- Wet Combing
- Dry Coming
- Shine
- Sensorial Tests

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