

A PEG-free natural non-ionic emulsifier for very low viscous products with an airy skin feel

Einar® 4601 is a non-ionic emulsifier that generates fine, stable O/W emulsion droplets with enhanced kinetic stability, making it suitable for lightweight lotions, sprays and other low viscosity emulsions. As a co-emulsifier, it improves droplet uniformity and reduces the required level of primary emulsifiers. In cleansing oils and balms, it accelerates the oil-to-milk transition upon contact with water and boosts the removal of lipophilic impurities such as makeup, sunscreen and sebum while maintaining a light, non-greasy feel.

PRODUCT NAME

Einar® 4601

INCI

Polyglyceryl-2 Laurate
Glyceryl Laurate

FUNCTIONS

Emulsifier
Emollient
Cleansing

USAGE RANGE

1 – 5%

APPLICATIONS

Cleansing balm
Masks
Sprayables
Wet wipes
Face care
Body care
Neck care
Shampoo
Sun care

KEY FEATURES

- ✓ HLB: 8
- ✓ Non-ionic
- ✓ 100% naturally derived (NOI: 1)
- ✓ Melting point: 20°C
- ✓ Soft paste
- ✓ Kosher/Halal certified
- ✓ COSMOS approved
- ✓ Good eye and skin-compatibility
- ✓ Non-GMO*

KEY BENEFITS

- ✓ Light, clean and non-greasy skin feel
- ✓ Improve stability in low viscous products
- ✓ Function as a lipophilic cleanser
- ✓ Suitable for hot and cold emulsification process
- ✓ Stable over broad pH range (3-11)
- ✓ Compatible with a wide range of emulsifiers, oils, natural and synthetic gums
- ✓ Suitable for all-natural and vegan products

BALM-OIL-MILK TRANSITION OF A PRODUCT CONTAINING EINAR® 4601



Einar® products are crafted from food-grade vegetable oils sourced from sunflower, rapeseed, coconut, castor, and RSPO-certified palm and made with a deep focus on responsible resource consumption, our commitment to sustainability shines. Our products are produced without (use of) ethoxylates, preservatives and GMO ingredients. With innovation, knowledge, and ethical practices, we deliver reliable, high-quality solutions for personal care formulators. Committed to the UN Global Compact's principles, we stand as a responsible partner, providing support and solutions for your future endeavours.

* In accordance with Regulation (EC) 1829/2003

Learn more about our additives for personal care at www.palsgaard.com

Palsgaard®