

A PEG-free natural non-ionic emulsifier for improved product stability

Einar® 4627 is an excellent non-ionic emulsifier that can form stable O/W and W/O emulsions. Due to its excellent dispersion stabilizing property, it is widely used in color cosmetics and personal care products containing high concentration of natural oils, pigments and UV filters. Moreover, it improves the compatibility between synthetic and natural lipids in formulations.

PRODUCT NAME

Einar® 4627

INCI

Polyglyceryl-3 Distearate

FUNCTIONS

Emulsifier

Emollient

Dispersion stabilizer

Structurizing agent

USAGE RANGE

0.1 – 3%

APPLICATIONS

Body care

Color cosmetics

Sun care

Lip care

Face care

Neck care

Color care

Baby care

Eye care

KEY FEATURES

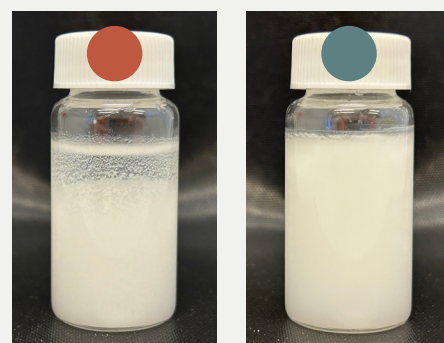
- ✓ HLB: 6
- ✓ Non-ionic
- ✓ 100% naturally derived (NOI: 1)
- ✓ Melting point: 57°C
- ✓ Off-white powder
- ✓ Kosher/Halal certified
- ✓ COSMOS approved
- ✓ Good eye and skin-compatibility
- ✓ Non-GMO*

KEY BENEFITS

- ✓ Rich and nourishing skin feel
- ✓ Stable emulsions containing high oil load, pigments etc.
- ✓ Excellent dispersion stability in low viscous applications
- ✓ Improves oil binding capacity and delivers smooth, consistent anhydrous products.
- ✓ Stable over a broad pH range (3-11)
- ✓ Compatible with various emulsifiers, oils, natural and synthetic gums
- ✓ Suitable for all-natural and vegan products

IMPROVED OIL BINDING CAPACITY USING EINAR® 4627

- 5% oil thickener in Isoamyl laurate
- 5% oil thickener + 3% Einar® 4627 in Isoamyl laurate



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