

# A PEG-free natural non-ionic emulsifier for water- and mineral-rich systems

**Einar® 4625** is an efficient O/W emulsifier that forms fine, uniform droplets for improved emulsion stability and smooth sensory profile in water-rich systems such as serums and lotions. It also enhances the wetting, dispersion and stabilization of hydrophilic minerals such as kaolin, preventing agglomeration and sedimentation to maintain a smooth, homogenous texture throughout the shelf-life of the formulation.

## PRODUCT NAME

Einar® 4625

## INCI

Polyglyceryl-6 Stearate

## FUNCTIONS

Emulsifier  
Emollient  
Pigment dispersion  
Thickener  
Texturizer

## USAGE RANGE

1 – 5%

## APPLICATIONS

Face care  
Clays  
Body care  
Eye care  
Neck care  
Baby care  
Color cosmetics  
Sun care

## KEY FEATURES

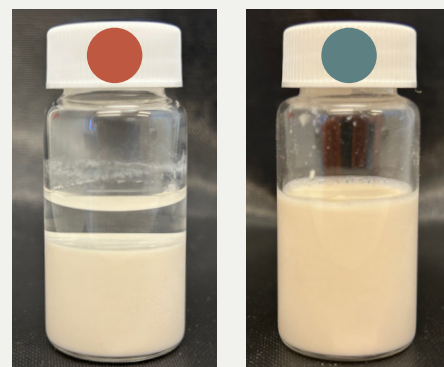
- ✓ HLB: 9
- ✓ Non-ionic
- ✓ 100% naturally derived (NOI: 1)
- ✓ Melting point: 52°C
- ✓ Off-white pellet
- ✓ Kosher/Halal certified
- ✓ Good eye and skin-compatibility
- ✓ Non-GMO\*

## KEY BENEFITS

- ✓ Smooth, light and non-tacky skin feel
- ✓ Ideal for medium to high viscosity products
- ✓ Provide fluid or gel-like texture to the emulsion without increasing viscosity excessively
- ✓ Reduce graininess in mineral-rich formulae
- ✓ Suitable for hot emulsification process
- ✓ Stable over a broad pH range (3-11)
- ✓ Compatible with wide range of natural oils, silicone oils, mineral oils, emulsifiers etc.
- ✓ Suitable for all-natural and vegan products

## EFFECTIVE SUSPENSION OF 20% KAOLIN CLAY IN WATER FOR CLAY MASK APPLICATION

- No emulsifier
- **With 3% Einar® 4625**



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](http://www.palsgaard.com)

**Palsgaard®**