

A PEG-free natural non-ionic emulsifier offering effective thickening and gentle conditioning

Einar® 4213 is a lipophilic non-ionic emulsifier that conditions skin and hair by reinforcing the natural lipid layer, restoring suppleness, and reducing surfactant-induced dryness-making it especially valuable in shampoos, shower gels and liquid cleansers. Additionally, it thickens the surfactant-based cleansing system and enhances foaming by producing denser, long lasting foam. As a co-emulsifier in O/W emulsion, it strengthens barrier function, boosts moisture retention, and improves softness and spreadability.

PRODUCT NAME

Einar® 4213

INCI

Glyceryl Oleate

FUNCTIONS

Emulsifier

Emollient

Thickener

Sensory enhancer

USAGE RANGE

0.5 – 4.5%

APPLICATIONS

Body wash

Face cleanser

Shampoo

Baby care

Color cosmetics

Face care

Body care

Neck care

Hair care

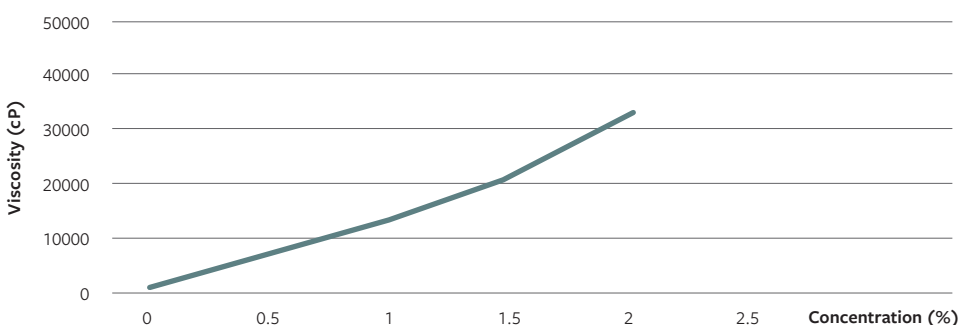
KEY FEATURES

- ✓ HLB: 4
- ✓ Non-ionic
- ✓ Non-palm
- ✓ 100% naturally derived (NOI: 1)
- ✓ Melting point: 52°C
- ✓ Off-white pellet
- ✓ Kosher/Halal certified
- ✓ COSMOS approved
- ✓ Good eye and skin-compatibility
- ✓ Non-GMO*

KEY BENEFITS

- ✓ Smooth, light and non-greasy skin feel
- ✓ Denser foam and refreshing skin feel
- ✓ Ideal for mild, sensitive care formulations
- ✓ Well-suited to transparent cleansing formulation
- ✓ Exhibits broad formulation versatility and multi-system compatibility
- ✓ Stable over a broad pH range (3-11)
- ✓ Compatible with a wide range of surfactants, oils, natural and synthetic gums
- ✓ Suitable for all-natural and vegan products

THICKENING EFFECT OF EINAR® 4213 IN A MODEL SLES/CAPB CLEANSING SYSTEM



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