

A PEG-free natural anionic emulsifier for low viscous applications

Einar® 4901 is a natural anionic O/W emulsifier for low viscous and sprayable emulsions. It provides smooth, moisturizing and nourishing afterfeel. Being oil soluble, it provides excellent long lasting conditioning benefit to self emulsifying bath or skin oils.

PRODUCT NAME

Einar® 4901

INCI

Glyceryl Oleate Citrate

FUNCTIONS

Emulsifier

Emollient

USAGE RANGE

0.5 – 4%

APPLICATIONS

Lotion

Serum

Crème cleanser

Cleansing milk

Face care

Body care

Bath oils

Hair care

Eye care

Sun care

Deodorants

Baby care

Wipes

Masks

Sprayables

KEY FEATURES

- ✓ HLB: 10-12
- ✓ Anionic
- ✓ 100% naturally derived (NOI: 0.99)
- ✓ Melting point: 22°C
- ✓ Yellowish liquid at room temperature
- ✓ Kosher/Halal certified
- ✓ Good eye and skin-compatibility
- ✓ Non-GMO*

KEY BENEFITS

- ✓ Rich, non-sticky & pleasant skin feel
- ✓ Stable emulsions with ability to withstand temperature changes
- ✓ Gentle cleansing with conditioning effect
- ✓ Compatible with various emulsifiers, oils, natural and synthetic gums
- ✓ Suitable for pH range of 4-7
- ✓ Suitable for all-natural and vegan products

Processing

It is suggested to add **Einar® 4901** to the oil phase. We recommend to heat oil phase and water phase separately to approx. 70°C. Furthermore, we recommend adding the hot oil phase to the hot water phase while stirring. The coarsely dispersed pre-emulsion is then homogenized.

Storage

Store at temperatures between 5 – 30°C in original closed package.

Opacification due to fat crystallization cannot be fully excluded after extended storage time. This does not have any influence on the performance of the raw material or the appearance of the final product. Re-heating the product in original container is recommended before cold emulsification.

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.

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

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