

# PEG-6 Caprylic / Capric Glycerides

**INCI Name** PEG-6 Caprylic / Capric Glycerides

## Product introduction

This is a water-soluble moisturizing ester; It is a surface active water-soluble liquid. It has superior fatliquoring properties and excellent skin tolerance,, which can reduce the irritation of surfactants, make the skin feel smooth after use, and provide good foam and stability. The product is stable and easy to store, with an HLB value of 19. It is a water-based emollient for daily cleaning products such as shower gel and shampoo, as well as an emulsifier for cosmetics, and can be used in water-soluble shampoo formulations. In O/W lotion and cream products, it is also used as solubilizer and co emulsifier of basic oils and essence. In liquid cleaning products with high content of surfactants, it can effectively reduce product viscosity.

## Chemical and physical properties

Appearance:	Transparent liquid
Color (Gardner):	$\leq 100$
Moisture content (%):	$\leq 1.0$
Acid value, mgKOH/g	Acid value, mgKOH/g
Saponification value, mgKOH/g:	90.0-100.0
Hydroxyl value (mgKOH/g):	170.0~190.0
PH value (1% aqueous solution):	5.0-7.0

## Usage and dosage:

Used in toner, hair care products, lipstick, lipstick, shaving agents and other products

Dosage: 2% -10%

## Packaging and storage

Packaging size: 200kg/drum.

Storage conditions: Seal and store in a dry, cool, and ventilated place. It is strictly prohibited to mix with flammable, explosive, toxic and harmful substances for storage and transportation. Do not discharge materials into the surrounding environment without government permission.

**Shelf life:** 2 years

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