

Propylene Glycol

Specification Sheet

Description: Modified alcohol (1,2-propanediol), metabolized to lactic acid in the body.

CAS: 57-55-6

INCI Name: Propylene glycol

Composition: Propylene glycol

Appearance: Clear, slightly viscous liquid, odorless, tasteless

Benefits:

- Effective humectant and wetting agent preventing water loss in products and in the skin.
- Increases skin permeability of active ingredients as it penetrates the outermost skin layers.
- Emollient and lubricant properties.
- Excellent solubilizer of other ingredients.
- Increases spreading of creams.

Use: Add as is to the water phase of the formulas, typical use level 1-8% in emulsions. For external use only.

Applications: All kinds of skin care products, hair care products, color cosmetics, soaps (glycerin soap).

Solubility: Water-soluble

Preservation: Preservative-free

Storage: Store in a closed container at a dry place at room temperature.

Country of Origin: USA

Raw material source: Propylene oxide (made from propylene and hydrogen peroxide)

Manufacture: Non-catalytic hydrolysis of propylene oxide to form a mixture of mono-, di-, and tripropylene glycols

Animal Testing: Not animal tested.



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GMO: GMO-free (does not contain plant-derived components)

Vegan: Does not contain animal-derived components.

HS Code: 2905320000