
Updated: 11/2/2018

Propylene Glycol

Specification Sheet

Description: Modified alcohol (1,2-propanediol), metabolized to lactic acid in the body. USP grade. Clear, slightly viscous liquid, odorless, tasteless. Soluble in water.

CAS: 57-55-6

INCI Name: Propylene glycol

Benefits:

- Effective humectant and wetting agent preventing water loss in products and in the skin
- Increases skin permeability of active ingredients as it penetrates into 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).

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

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

Vegan: Does not contains animal-derived components