

Pentylene Glycol

Specification Sheet

Description: Multifunctional ingredient derived from renewable raw materials from sugar cane. It has the same properties as the synthetically produced pentylene glycol.

CAS: 5343-92-0

INCI Name: Pentylene glycol

Composition: Pentylene glycol

Appearance: Clear, slightly viscous colorless liquid, odorless.

Benefits:

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

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: Sugar cane

Manufacture: Natural pentylene glycol green is made by a patented process from bagasse, a by-product coming from sugar cane which is ethically and responsibly sourced.

Animal Testing: Not animal tested.

GMO: GMO-free.

Vegan: Does not contain animal-derived components.

HS Code: 3402130000