

## Pentylene Glycol BIO

### Specification Sheet

**Description:** Multifunctional ingredient derived from renewable raw materials from sugar cane. It has the same properties as the synthetically produced pentylene glycol. 100% bio-based carbon.

**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.



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**GMO:** GMO-free.

**Vegan:** Does not contain animal-derived components.

**HS Code:** 3402130000