

Paraben-DU

Specification Sheet

Description: Mixture of three broad-spectrum preservatives including 3% propylparaben, 11% methylparaben & 30% diazolidinyl urea. Activity: 44% active substances, 56% solvents (propylene glycol).

CAS: 57-55-6, 78491-02-8, 99-76-3, 94-13-3

INCI Name: Propylene Glycol, Diazolidinyl Urea, Methylparaben, Propylparaben

Composition: Propylene Glycol, Diazolidinyl Urea, Methylparaben, Propylparaben, Phosphoric acid

Appearance: Clear yellowish liquid, weak odor

Benefits:

- Very potent broad-spectrum preservative combining two active components.
- Effectively prevents growth of yeasts, molds and bacteria.
- Extends shelf life of personal care products typically to 1-2 years.
- Resistant to surfactant-induced inactivation.

Use: Can be added to cold or hot formulas (just before the addition of fragrance). Typical use level 0.3-1% dependent on the complexity of formulation & desired shelf-life. For external use only.

Applications: All kinds of leave-on & rinse-off personal care and cosmetic products, emulsions with up to 25% of oils.

Solubility: Water-soluble

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

Country of Origin: USA

Raw material source: Para-hydroxybenzoic acid, allantoin and formaldehyde

Manufacture: Parabens are manufactured by the esterification of para-hydroxybenzoic acid with the appropriate alcohol, such as methanol, ethanol, or n-propanol. Diazolidinyl urea is produced by reacting allantoin and formaldehyde in the presence of sodium hydroxide solution.

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: 3003100000