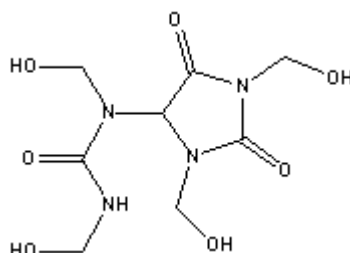


Diazolidinyl Urea

Molecular Formula: C₈H₁₄N₄O₇

Molecular Weight: 278.2

CAS # 78491-02-8



Mol. Structure:

Specification:

Appearance	White, fine, free-flowing powder
Odor	Odorless or slight characteristic odor
Nitrogen	19.0~21.0%
Loss on Drying	3.0% Max.
Residue on Ignition	3.0% Max.
pH (1% in water)	6.0~8.0
Pb(Hevey metal)	0.004% Max

Applications

Diazolidinyl Urea is white, free-flowing hygroscopic powder, provides a wide spectrum of antibacterial activity against Gram-positive and Gram-negative organisms, including Pseudomonas species. It is effective with other preservative materials, especially Methylparaben and Propylparaben. This combination is a complete cosmetic preservative system that is effective at protecting well-formulated products from bacterial, yeast, and mold contamination during product use. Safe for both leave-on and rinse-off products. Can provide effective protection at low concentration levels (0.1-0.3%). Excellent preservative for shampoos and hair conditioners. Can be used in a wide pH range (3.0-9.0). Compatible with most cosmetic ingredients, including surfactants, proteins, and other special ingredients.

Packing

Standard packing includes the following:

25 kg net weight cardboard drum inside plastic bag sealed

Other package sizes are available upon request.

Storage

Store in a well-ventilated, cool, dry area, out of direct sunlight. Keep containers tightly closed when not in use.