

TC-HD

INCI Name

HEXAMIDINE DIISETHIONATE

Description

Hexamidine Diisethionate (HD) is a hydrosoluble antimicrobial cationic substance with a wide spectrum of activity against bacteria, fungi and yeasts. It shows excellent inhibiting effect on *pytyrosporum ovale* fungi that causes dandruff, without irritation to skin and eye. It can be used in dandruff remover shampoo, as an excellent anti-dandruff ingredients.

Specification

Item	Value
Appearance	White powder
Solid content (%)	≥99.0
Moisture content (%)	≤0.5
Loss on drying (%)	≤0.5

These values indicate typical specification, they are not intended to be used as product specifications.

Properties

- Can effectively prevent dandruff generating.
- Good stability.
- No irritation to skin and eye.

Applications

- Anti-dandruff Shampoo.
- Anti-acne Products

Formula Guidelines

Generate synergistic effect when combined with ZPT, Climbazole and SPT.

Anti-dandruff Shampoo: 0.03-0.05%

Anti-acne Products: 0.1%-0.2%

Dissolved in surfactants, then add into system under 50°C, and then mix well.

Storage & Handling

Standard Packing: 1 kg/bag; 5 kg/bag

Storage: Keep in Cool, Dry, Ventilated and Lightless Place.

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