

Conditioner SD

Specification Sheet

Description: Cationic hair conditioner for making no-build up products. Solid off-white waxy flakes, water soluble.

CAS: 7651-02-7

INCI Name: Stearamidopropyl dimethylamine

Benefits:

- Cationic surfactant that conditions the hair due to its cationic nature (leaves a positive charge on hair)
- Prevents static build up and conditions hair unlike other no-build up conditioners such as silicones or quaternary products
- Acts also as viscosity builder
- Does not suppress foam and can be used with anionic surfactants

Use: Add to hot water phase of formulation. Needs to be heated due to its flaky structure. Usual concentration 1-5%. Conditioner-SD may increase the pH of a formula to 10-12; you may adjust then the pH to about 6-7 using an acid (e.g. citric acid). For external use only.

Applications: Creamy conditioners, rinses, spritzes, and hair masks, also used in 2-in-one shampoos to provide conditioning and thickening.

Country of Origin: USA

Raw material source: Vegetable oils and DMAPA (3,3-dimethylaminopropylamine)

Manufacture: Stearamidopropyl dimethylamine is produced by mixing together refined vegetable oils with DMAPA and heating the mixture.

Animal Testing: Not animal tested

GMO: No data available

Vegan: Does not contain animal-derived components