

## Conditioner SD

### Specification Sheet

**Description:** Cationic hair conditioner for making no-build up products.

**CAS:** 7651-02-07

**INCI Name:** Stearamidopropyl dimethylamine

**Composition:** Stearamidopropyl dimethylamine

**Appearance:** Solid off-white waxy flakes

**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 oil phase of formulation. Needs to be heated due to its flaky structure. Typical use level 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.

**Solubility:** Oil-soluble

**Preservation:** Preservative-free

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

**Country of Origin:** USA

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



10800 231<sup>st</sup> Way NE  
Redmond, WA 98053  
Phone: 425-292-9502  
makingcosmetics.com

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

**Animal Testing:** Not animal tested

**GMO:** GMO-free

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

**HS Code:** 3402120000