



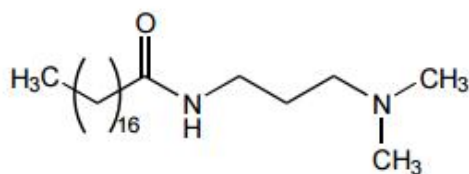
S18

Product Description:

S18 is an excellent hair conditioner and hair repair agent. It is a highly cost-effective hair care terminal product that can easily achieve high conditioning efficiency. It has non-ionic surfactant properties in neutral or alkaline environments and cationic surfactant properties in acidic environments, with excellent conditioning performance.

INCI name:

STEARAMIDOPROPYL DIMETHYLAMINE



Product features and efficacy

physical property	data
appearance	Light yellow flaky solid
PH Value (1.0% aqueous solution)	7.0-10.0
Carbon chain length (GC) C18	92-98%
Acid Value (mg KOH/g)	Max.4.0
Amine Value mg (KOH/g)	150-160

Under acidic conditions:

*Unique conditioning performance: Belonging to cationic surfactants, it can improve the wet combing and dry combing properties of hair, giving hair a soft and fluffy feel and volume;

*Excellent anti-static effect: This product can reduce the static electricity of hair and is commonly used as an anti-static agent for hair products;

*Enhance the emulsification of the system: This product can be used as a co emulsifier for cream, giving the skin a smooth and silky texture.

2. Improve dyeing uniformity and enhance color intensity in hair dye

Application

The required acid content for neutralizing 1.0g S-18 (pH=3.5-4.5) :

citric acid (100 %)	0.15
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Plant Chain

Technical Data Sheet

hydrochloric acid (40%)	0.18
lactic acid (88%)	0.23
glutamate (100%)	0.70

Formula application:

*Hair care products: conditioner, shampoo

*Hair dye products: permanent hair dye, patch hair mask

*Skin care products: cream, lotion

Packaging and Storage:

25kg/paper bag, stored in a ventilated and cool place.