



1831

Product description

1831 is an alkyl quaternary ammonium salt, a conventional cationic surfactant with good chemical stability, excellent penetration, softening, anti-static and bactericidal properties; As a commonly used alkyl quaternary ammonium salt surfactant, this product has a narrower carbon chain range, improves hair softness, and has better anti-static performance. It is often used as a hair conditioner to improve various hair properties. In addition, 1831 can be used as a fungicide in industrial water treatment such as petroleum, papermaking, food processing, and textile. It can also be used as an emulsifier for emulsification of silicone oil, hair conditioner, fiber softener, and antistatic agent. It can be used to soften and isolate paper, and as a corrosion inhibitor in the pickling industry.

INCI name

STEARTRIMONIUM CHLORIDE

Product characteristics and efficacy

physical characteristics	Date
Appearance	Colorless to light yellow viscous fluid
Active Content %	68.0-72.0
Amine hydrochloride and free amine %	≤1.5
PH Value 1.0% solution	5.0-9.0
Alcohol	28.0-32.0

*Effectively improve the carding properties of wet and dry hair, enhance softness and good anti-static performance

*Low accumulation, making hair soft without forming an adsorption film

*Good compatibility with cationic, non ionic, or amphoteric surfactants

*Has excellent penetration, softening, emulsification, anti-static, biodegradability, and bactericidal properties



Application

Hair care product: reference dosage: 0.5-3.0%

Hair dyeing products: reference dosage: 1.0-3.0%

Perm product: reference dosage: 1.0~3.0%

Formula application:

*Hair care products: hair conditioner hair mask baking cream color supplement baking oil

*Hair dyeing products: permanent hair coloring cream semi permanent hair dyeing and waxing

*Perm products: Ionic perm cold perm solution, pre perm care solution

Packaging and storage:

50kg/barrel, 200kg/barrel

Store in a well ventilated and cool place.