

## Stearyl Tri-methyl Ammonium Chloride

### Features of Stearyl Tri-methyl Ammonium Chloride

- Product Name: stearyl tri-methyl ammonium chloride
- Chemical Formula: C<sub>21</sub>H<sub>46</sub>ClN
- CAS No.: 112-03-8
- Dangerous Grade: Non-dangerous

### Technical Data of Stearyl Tri-methyl Ammonium Chloride

ITEMS	SPECIFICATIONS
Appearance	Colorless to light yellow paste
Odor	No smell
Color Klett	Max.8
PH value (1% solu,25°C)	5.0 - 9.0
Active matter % (M=342.5)	68.0-72.0
Free amine content%	Max.1.5

### **Package and storage**

- 200kg drum
- Store in a cool, ventilated warehouse. Keep away from fire and heat sources.  
Prevent direct sunlight. Keep the container sealed. Should be stored separately from oxidants and acids. Storage areas should be equipped with spill emergency treatment equipment and suitable container.

### **Application /Application Industries**

- cationic surfactant
- personal care product such as conditioner, shampoo, hand cream, lotion
- viscosity increasing agent for clean fracturing fluid, shell rock inhibitor in oil field
- bentonite modifier

This product is a water-white or light yellow powder, soluble in alcohol and hot water. It generates a lot of foam after shaking, shows good compatibility with cationic, non-ionic surfactants or dyes and has a significant synergistic effect. Good chemical stability, heat resistance, light resistance, strong acid and alkali resistance, excellent penetration, softness, emulsification, antistatic and bactericidal properties. Widely used in emulsification of asphalt and waterproof coating, emulsification of silicone oil, emulsification conditioning of hair conditioner, soft and antistatic fabric fiber, modification of organic bentonite, protein flocculation of biopharmaceutical



industry and flocculation of water treatment, soft processing of glass fiber, nylon parachute Anti-burn treatment agents, as well as bactericides and disinfectants, hair dyes, etc.

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We support various industries with superior quality products, including lubricants and metal-processing, personal care, C.A.S.E, pharmaceutical and pesticide, oil and water treatment, flavors and fragrances, organic & inorganic chemicals, etc.

The mission in NCMC is to be a bridge connecting dreams between China market and our partner in other countries, on the principle of equality, mutual benefit and win-win cooperation.