

Taian Green Industry Co., Ltd.

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TECHNICAL DATA SHEETS

1. Product name:

Steartrimonium chloride

2. Chemical Name:

STAC;

Aliquat 7;

Cation AB;

Arquad 18;

Quaternium-10;

Emulsifier 1831;

Stearyl trimethyl ammonium chloride;

Trimethyl stearyl ammonium chloride;

Octadecyl trimethyl ammonium chloride;

Trimethyl octadecyl ammonium chloride;

N,N,N-trimethyloctadecan-1-aminium chloride

3. CAS No.:112-03-8

4. MF:C₂₁H₄₆N.Cl

5. MW:348.05

6. Technical specifications

Item	Specifications	Results
Appearance	White to yellowish paste	Yellowish paste
Free amine+ammonium salt	≤3%	2.3%
pH value	6.5~8.5	7
Color	≤300	140
Active content	≥70%	70.4%
Conclusion	The results conforms with enterprise standards	

7. Usage

Steartrimonium chloride (short as STAC) is a cationic surfactant that is easily soluble in isopropyl alcohol. It is soluble in water and produces a large amount of foam

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during shock. Steartrimonium chloride has excellent functions of penetration, softening, emulsification, antistatic, biodegradability and sterilization. It is compatible with zwitterionic, nonionic surfactants and cationic polymers and cannot be compatible with anionic surfactants. Steartrimonium chloride is mainly used as softener for textiles, conditioner conditioning, leveling agent, antistatic agent, water disinfectant, clothes disinfectant; also used for asphalt emulsification and waterproof coating emulsification, glass fiber soft processing And oilfield additives.

8. Package

200kg/drum