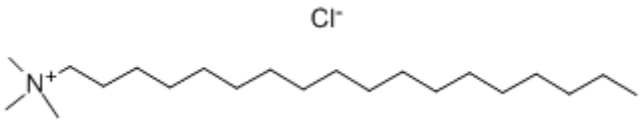
Octadecyl Trimethyl Ammonium Chloride (OTAC)

CAS No. 112-03-8

Molecular Formula:$C_{21}H_{46}NCL$

Molecular weight:348.05

Structural Formula:



Properties:

Octadecyl Trimethyl Ammonium Chloride is soluble in water, ethanol and methanol. It has good compatibility with cationic, nonionic and amphoteric surfactants.
Octadecyl Trimethyl Ammonium Chloride has good chemical stability, heat resistance, light resistance, pressure resistance, resistance to acid and alkali, and it also has excellent properties of permeability, softness, emulsification, anti electrostatic and bactericidal.

Specification:

Items	Index	
Appearance	Colorless to pale yellow liquid	Colorless to pale yellow cream liquid
Active content, %	48-52	68-72
pH(10% water solution)	4.0-9.0	4.0-9.0
Free amine, %	1.5 max	2.0 max

Usage:

1. Used as a fabric softener.
2. Used as raw materials of asphalt emulsion and hair conditioner.
3. Control additives: synthetic fiber antistatic agent, plant fiber softener.
4. Modified additives: organic bentonite modifier.
5. Flocculant: Bio pharmaceutical industry protein coagulant, flocculant for wastewater treatment.
6. Used as antistatic agents of textile fiber, hair adjustment agent, emulsifier of asphalt, silicone oil and rubber.
7. Used as bacteria of cycling cooling water and disinfectant.

Package and Storage:

200L plastic drum,IBC(1000L),customers' requirement. Storage for one year in shady room and dry place.

Safety Protection:

A little smell of almond, no visible stimulation to skin. When contacted, flush with water.

Synonyms:

1831

Octadecyl Trimethyl Ammonium Chloride

STAC

Stearyl Trimethyl Ammoium Chloride

TrimethylStearylAmmonium Chloride

1-octadecanaminium,n,n,n-trimethyl-,chloride

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