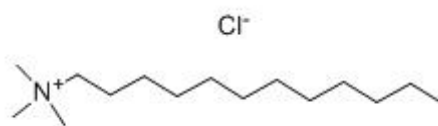


Dodecyl Trimethyl Ammonium Chloride(DTAC)

CAS No.	112-00-5	EINECS No.	203-927-0
Molecular Formula	C ₁₂ H ₂₅ (CH ₃) ₃ NCl	Molecular Weight	263.9

Structural Formula



Product Features

DiDodecyl Trimethyl Ammonium Chloride(DTAC) is colorless liquid to white crystalline powder, is soluble in water and ethanol. Dodecyl Trimethyl Ammonium Chloride(DTAC) is stable below 100°C and has good compatibility with cationic, nonionic surfactants. Dodecyl Trimethyl Ammonium Chloride(DTAC) has good chemical stability, heat resistance, light resistance, pressure resistance, resistance to acid and alkali, and Dodecyl Trimethyl Ammonium Chloride(DTAC) also has excellent properties of permeability, softness, emulsification, anti electrostatic and bactericidal.

Technical Specification

Items	Index	
	Appearance	Colorless to pale yellow liquid
Active content, %	28-32	48-52
Free amine, %	1.5 max	1.5 max
pH(10% water solution)	5.0-9.0	5.0-9.0
Color (APHA)	150max	150max



Applications & Usage

Dodecyl Trimethyl Ammonium Chloride(DTAC) can be used as a emulsifier to produce architectural waterproof coating, conditioner emulsifier, cosmetic emulsifier; cationic chloroprene latex special emulsifier. When drilling oil deep well, Dodecyl Trimethyl Ammonium Chloride(DTAC) is used as a emulsifier at high temperature resistance situation, and it can also be used as protein aggregation in the process of penicillin fermentation agents. Dodecyl Trimethyl Ammonium Chloride(DTAC) is an antistatic agent for the production of synthetic fiber, anti adhesive agent and release agent of latex industry, industrial and agricultural use of fungicides.

Package & Storage

25L Drum	200L Drum	1000L IBC
		
Storage for ten months in shady room and dry place.		

Hazard & Safety Precaution

Hazard Information	Safety Precaution
 Corrosive and Toxic, Class 8+6.1, UN2922	
Once contacted with eye and skin, flush with plenty of clean water.	

Alternative Name / Synonyms

- 1231
- 1-Dodecanaminium, N,N,N-trimethyl-,chloride
- n,n,n-trimethyl-1-dodecanaminu chloride
- Dodecyltrimethylammonium chloride