

## Technical Data Sheet

### Cetyl trimethyl ammonium chloride CAS NO.: 112-02-7

#### N-HEXADECYLTRIMETHYLAMMONIUM CHLORIDE/CTAC



#### Product Description

1631 is a kind of cation types surface-active agent taking sixteen alcohol and bromine hydrogen acid as major material. This product is cation surface-active agent of quarter nary ammonium type, featured by excellent functions of pliability, anti-static, sterilization and emulsification, which is suitable to apply in fabric softening agents, hair dye and hair protection lotion etc. Dosage is suggested to be 1-3%.

#### Specification

Cetyl trimethyl ammonium chloride		
items	1629	1631
Appearance	Light yellow transparent liquid	White to light yellow paste
Free amin content %	2.0	3.0
PH(Hazen)	4.5-5.5	6.5-8.5
Color(Hazen)	200	300
Active matter, %	30±2	70±2



### Usage

- **emulsifier:asphalt emulsifier & building waterproof emulsifier, siliconeoil emulsifier, emulsifier of cosmetic.**
- **textile auxiliary: textile auxiliary: softener & antistatic agent.**
- **flocculant: used in sewage disposal**
- **other:protective cover.**

### Packing and Storage

Item	Packing	Quantity/FCL	N.W./FCL	G.W./FCL
30%	200kg/plastic drum	80drums	16.00MT	16.80MT
70%	180Kgs/Plastic Drum	80durms	14.40MT	15.20MT
99%	20kgs/drum	480drums	9.60MT	10.80MT

### Transport Information

- **DOT Classification: Class 9: Corrosive material**
- **Identification: : Environmentally hazardous substance,liquid, n.o.s.(Cetrimonium chloride) PG:III**
- **Special Provisions for Transport:**

**Further information:**

**EHS-Mark required (ADR 2.2.9.1.10, IMDG code 2.10.3) for single packagings and combination packagings containing inner packagings with Dangerous Goods > 5L for liquids or > 5kg for solids.**

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