



EPOCH MASTER GLOBAL BUSINESS(JIANGSU)INC.

RM.3-93,TENGFEI BUILDING,NO.88 JIANGMIAO RD., RESEARCH AND INNOVATION PARK,  
NANJING ZONE,(JIANGSU) PILOT FREE TRADE ZONE ,CHINA.

# Ammonium Chloride

CAS No 112-02-7 [Cationic Surfactant] (CTAC) Cetyl Trimethyl Ammonium Chloride for Laundry Liquid

**Chemical name:**Cetyl Trimethyl Ammonium Chloride

**Synonymous:**Cetrimonium Chloride

**Sales Models:**Wholesale

**Reference FOB Price:**US \$1000-2000 / Ton

**Min Order:**16mt

**Port:**Tianjin, Shanghai, China

**Samples:**US \$ 100/Piece

**Payment Terms:**L/C, T/T, Paypal

- Model:CTAC
- Brand:RAWCHEM
- Code:22050
- CAS No.:112-02-7
- Molecular weight:320
- Molecular formula:[C<sub>16</sub>H<sub>33</sub>N<sup>+</sup> (CH<sub>3</sub>)<sub>3</sub>]Cl<sup>-</sup>
- EINECS:203-928-6
- H.S.Code:2942000000

Shelf life:24 months

## Product Parameters

**Appearance(25°C):** colorless or lightly pale yellow clear liquid.

## Properties:

Heat resistance;  
Light resistance;  
Pressure resistance;  
Strong acid and Alkali resistance;  
Good surfactivity;  
Good stability;  
Good bio-degradation;  
Compatible with other types surfactants.

## Main indexes:

| Index                    | Pure-grade | First grade | Qualified |
|--------------------------|------------|-------------|-----------|
| Free amine by wt%        | 1.0 max    | 2.0 max     | 3.0 max   |
| Ashes                    | 0.5 max    | 1.0 max     | 2.0 max   |
| Active ingredient by wt% | 30 min     | 30 min      | 30 min    |



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|                          |         |         |         |
|--------------------------|---------|---------|---------|
| pH (1% aqueous solution) | 4.0~8.5 | 4.0~8.5 | 4.0~8.5 |
|--------------------------|---------|---------|---------|

## Application

Emulsifier: in hair conditioner, cosmetic;  
Softener: in textile auxiliary;  
Anti static: in synthetic fiber;  
Flocculant: in sewage treatment;  
Anti sticking agent: in latex.

## Important Notice

We normally list 2 years as the shelf life in our COA, the real shelf life is actually much longer than 2 years if it's stocked in good condition (bags are sealed enough, away from direct sun-light, moisture and other incompatible chemical materials).