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# Technical Data Sheet

# Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride (CAS NO.:85409-23-0)

## Product Description

- ADEBAC is a kind of cationic surfactant, a nonoxidizing biocide.
- It can efficiently kill bacteria and algae ,and control the algae reproduction and sludge growth.
- ADEBAC also has dispersing and penetrating properties, can penetrate a ndremove sludge and algae, has advantages of low toxicity.
- No toxicity accumulation, soluble in water, convenient to use, unaffected by water hardness.

## Specification

| items | index | |
|---|---|---|
| Appearance | Colorless to yellowish transparent liquid | Colorless to yellowish transparent liquid |
| Active content % | 48-52 | 78-82 |
| Amine salt % | 2.0 max | 2.0 max |
| pH(1% water solution) | 6.0~8.0(origin) | 6.0-8.0 |
| | normal | good fluidity |

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## Usage

- It can be used as bactericide, mildew inhibitor, softener, antistatic agent, emulsifier, regulator.
- Sterilization algaecide: used in circulating cooling water, water for power plant and water injection system of oil fields.
- Disinfectant & bactericide: used for medical operation and medical appliance; food processing equipments; sugar making industry; silkworm raising sites etc.

## Packing and Storage

| Item | Packing | Quantity/FCL | N.W./FCL | G.W./FCL |
|---|---|---|---|---|
| 95% | 25Kgs/Bag | 480Bags | 12.00MT | 12.24MT |
| 80% | 200Kgs/Plastic Drum | 80Drums | 16.00MT | 16.80MT |
| 50% | 200Kgs/Plastic Drum | 80Drums | 16.00MT | 16.80MT |

- ADEBAC is chemically stable at different temperatures for a long period of time under suitable storage conditions(20 centi-degree) temperature,closed drum,etc).No special care is needed.
- As recommendation, it is advisable to store the product no longer than two year.

## Transport Information

**DOT Classification:** Class 8: Corrosive material
**Identification:** : Corrosive Liquid, Acid, Organic, n.o.s. (Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride) UNNA: 1760 PG: II
**Special Provisions for Transport:** Not available.

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