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## Technical Data Sheet

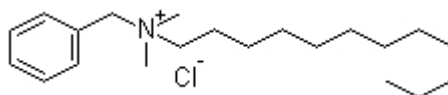
### Benzalkonium chloride

#### Product Information

<b>Chemical Name</b>	Benzalkonium chloride
<b>CAS #</b>	8001-54-5
<b>Formula</b>	C <sub>17</sub> H <sub>30</sub> ClN
<b>Molecular Weight</b>	339.96

**Synonym** Benzalkonium chloride;BKC  
Alkylbenzyltrimethylammonium chloride;  
Alkyldimethylbenzylammonium chloride

#### Chemical Structure



#### Physical Properties

Appearance Colorless liquid

#### Specification

Item	Standard 1	Standard 2
Appearance	Colorless liquid	Colorless 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

#### Safety

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on safety

### Applications

1. Water treatment : Used as bactericide, kill green,black spot and mustard algae;
2. Detergent: raw detergent materious;
- 3.Mainly used in food additives mining, tannery,fertilizer, electroplating, dying, printing, precision casting etc
4. Oil & gas industry: strong biocide and algicide ability, to prevent pipe from being blocked and rusted.

### Packaging

200kg drum  
16mt per(80drums) 20ft container

### Storage & Handling

BKC can be stored at room temperature (max.25°C) in the unopened original containers for at least 3 years.  
The storage temperature should be kept below 25 25°C

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.*

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