

## Technical Data Sheet

### Basic information

Chemical name	Benzalkonium Chloride
Synonyms	BKC,1227
CAS.No.	8001-54-5;139-07-1
EINECS No.	264-151-6
Molecular weight	283.88

Formula	C17H30ClN
Chemical structure	

### Physical properties

Appearance	Colorless liquid
Density,20°C, g/cm <sup>3</sup>	0.98
Boiling point,°C	>100° C/760mmHg

### Specification

Items	Standard 1	Standard 2
Appearance	Colorless transparent liquid	Light yellow transparent liquid
Purity,(GC)% ≥	≥50.0	≥ 80.0
Amine salt, %≤	≤2.0	≤2.0
PH	6.0~8.0	6.0~8.0
Colour(APHA)	50max	50max

### Application

Water treatment field	Used as bactericide,kill green,black spot and mustard algae;
Detergent field	Raw detergent materious;
Oil & Gas field	Strong biocide and algicide ability,to pervent pipe from being blocked and rusted;
Other field	Used in food additives mining,tannery,fertilizer,electroplating,dying,printing,precision casting etc

### Package

200kg/drum, 16mt per 20'ft

### **Safety on transportation**

It belongs to 8 class dangerous goods, always refer to MSDS.

### **Storage and handling**

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

*The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.*

**Issue Date:** 1st,12,2016