

Technical Data Sheet

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Item Name:

BKC-50

PRODUCT INFORMATION

Chinese Name:	苯扎氯铵 / 十二烷基二甲基苄基氯化铵
Commodity Name:	BKC (or QAC BAC, BZK, BAC, ADBAC...)
Chemical Name:	Benzalkonium Chloride
Other Name:	Dodecyl Dimethyl Benzyl Ammonium Chloride (DDBAC)
CAS No.:	139-07-1 / 8001-54-5
Molecular Weight:	339.99 (C ₂₁ H ₃₈ ClN)
Molecular Formula:	[C ₁₂ H ₂₅ N ⁺ (CH ₃) ₂ CH ₂ -C ₆ H ₅]Cl ⁻
DG Class:	8
UN No.:	3261 (PG 3)

PRODUCT DESCRIPTION

Water soluble, Cationic surfactant, Non-oxidizing, Anti-bacterial.

No blending with Anionic surfactant!

TECHNICAL SPECIFICATION

Index	Standard
Appearance (25 °C)	Pale yellow to colorless clear liquid
Active matter by wt %	50 min
Free amine by wt %	0.8 max
pH value (1% aq. Solution)	6-8
Color (Hazen)	60 max

MAIN APPLICATION

As non-oxidizing biocide in: Hand washing, Floor cleanser, Wood fungicide, Water treatment and etc.

PACKING, LOADING AND SHELF LIFE

Packing: 200kg plastic drum / 950kg IBC

Loading: 16mt/20'fcl for drums, 19-20mt/20'fcl for IBC

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheet is for informational purposes only and is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.