

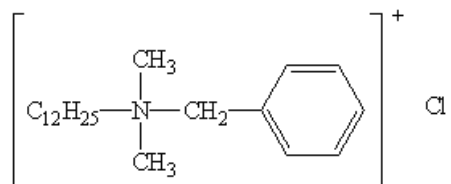
AquaGuard® 910 Dodecyl Dimethyl Benzyl Ammonium Chloride

(Benzalkonium Chloride) (DDBAC/BKC)

CAS NO.: 8001-54-5
63449-41-2,
139-07-1

Molecular Formula: C₂₁H₃₈NCl

Structural Formula



Physico-Chemical Properties:

Appearance	Colorless to yellowish transparent liquid	
Solid content %	48-52	78-82
Amine salt %	1.0 max	1.0max
PH	6.0~8.0(as it)	6.0-8.0(1% water solution)

General Information

DDBAC/BKC is one of the Quaternary ammonium class of Cationic surfactants, belonging to nonoxidizing biocide. It is widely used as a disinfectant in the Hospital, Livestock and Personal Hygiene sectors. Dual biocidal and detergency properties ensure high efficacy against Bacteria, Algae and Fungi and enveloped Viruses at exceptionally low ppm concentrations.

DDBAC/BKC also has dispersing and penetrating properties, with advantages of low toxicity, no toxicity accumulation, soluble in water, convenient in use, unaffected by water hardness. DDBAC/BKC can be also used as anti-mildew agent, antistatic agent, emulsifying agent and amendment agent in woven and dyeing

Safety Protection

Acidity, Avoid contact with eye and skin, once contacted, flush with water.