

Dodecyl Dimethyl Benzyl ammonium Chloride

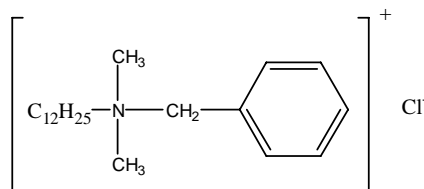
(Benzalkonium Chloride,1227)

CAS No. 8001-54-5 or 63449-41-2, 139-07-1

Molecular weight: 340.0

Molecular Formula: C₂₁H₃₈NCl

Structural Formula:



Properties:

Benzalkonium Chloride is a kind of cationic surfactant, belonging to nonoxidizing boicide. It can efficiently withhold algae propagation and sludge reproduction. Benzalkonium Chloride also has dispersing and penetrating properties, can penetrate and remove sludge and algae, has advantages of low toxicity, no toxicity accumulation, soluble in water, convenient in use, unaffected by water hardness. Benzalkonium Chloride can be also used as anti-mildew agent, antistatic agent, emulsifying agent and amendment agent in woven and dyeing fields.

Specification:

item	index			Usage
Appearance	colorless to pale yellow	light yellow transparent	light yellow waxy solid	Method
	transparent liquid	liquid		
Solid content%	44.0min	80min	88min	s:
Amine salt %	2.0max	2.0max	2.0max	
pH (1% water solution)	6.0~8.0 (origin)	6.0~8.0	6.0~8.0	As nonoxidi zing boicide,
	normal	good fluid	bad fluid	

dosage of 50-100mg/L is preferred; as sludge remover, 200-300mg/L is preferred, adequate organosilyl antifoaming agent should be added for this purpose. This product can be used together with other fungicidal such as isothiazolinones, glutaraldehyde, dithionitrile methane for synergism, but cannot be used together with chlorophenols. If sewage is appeared after thrown of this product in circulating cool water, the sewage should be filtered or blown off in time to prevent their deposit in bottom of collecting tank after froth disappearance.

No blending with anion surfactant.

Package and Storage:

25kg or 200kg in plastic barrel, or confirmed by clients. Storage for two year in room shady and dry place.

Safety Protection:

A little smell of almond, no visible stimulation to skin. When contacted, flush with water.