

Specification & Technical Data Sheet

GINODET BKC 50

INCI name: Benzalkonium chloride

General Information

GINODET BKC 50 is basically cationic surfactant, and synthesized from dimethyl lauryl amine and benzyl chloride. It is about 50 % active in water. Clear, pale yellow to straw liquid with a mild odor. It is freely soluble in water, lower alcohols, ketones and glycols. Congealing may occur during prolonged storage at low temperatures but is reversible on warming with mixing.

Description

Dimethyl lauryl benzyl ammonium chloride

CAS No.: [68424-85-1]

Characteristics Value

Parameters	Specification
Appearance	Colorless to Pale Yellow Transparent Liquid
pH (10% Aq. solution)	6.0-8.0
Specific Gravity @ 25 deg C	0.90-1.0
Active Content (%)	48.0-52.0
Free Amine (%)	3.0 Max
Solubility	Readily soluble in water, lower alcohols, acetone and glycol

Application

1. It can be used as bactericide, mildew inhibitor, softener, antistatic agent, emulsifier and regulator
2. Sterilization algacide- used in circulating cooling water, water for power plant and water injection system of oilfields
3. Disinfectant and bactericide-used for medical operation and medical appliance, food processing equipment, sugar making industry, silk-warm rising sites, etc.

Normal dosage

1. As non-oxidizing biocide-preferred dosage is 50-100mg/L
2. As sludge remover- preferred dosage is 200-300mg/L

Storage & Handling

Store in dry and well-ventilated areas and away from heat sources and direct sunlight.

Packaging & shelf life

Available in 50 Kg narrow opening HDPE Carboy and 200 Kg Net HDPE Drum.

Revision No – 00 , Date – 01.08.2016