2024/08

GINODET BKC 80

Common Name: **Benzalkonium Chloride**

General Information:

GINODET BKC 80 is basically cationic surfactant, and synthesized from dimethyl lauryl amine and benzyl chloride. It is about 80 % active in water. Clear, pale yellow to straw liquid with mild odor. It is freely soluble in water, lower alcohols, ketones and glycols.

Applications/Uses:

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

Technical Parameters / Specifications / Properties:

Parameters	**Specification**
Appearance	Colourless to Pale Yellow Transparent Liquid
pH (10% Aq. solution)	6.0-8.0
Specific Gravity @ 25 deg C	0.90-0.95
Active Content (%)	80.0 (±1%)
Free Amine (%)	1.0 Max
Acidity/Alkalinity (NMT 0.1 ml of 0.1 M HCl or 0.1 M NaOH	0.1 Max
Solubility	Readily soluble in water and alcohol

Dosages:

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

Storage/Handling and Shelf Life:

Tightly closed containers in a well-ventilated area and away from direct heat and sunlight.
Shelf life is two years from the date of manufacturing under standard storage conditions

Packaging:

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

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