



Technical Data Sheet of BKC 50%

Product Name: Benzalkonium Chloride

Product Code: ACSCBK50

CAS No: 8001-54-5

Description: BKC50 is a **Cationic Surfactant, & APEO Free**. It Has Excellent Anti-microbial properties.

ACSBK50 is specialized chemical used in formulation of Personal care & Home care Products.

1. Physical Properties:

Appearance: Clear colourless liquid.

Odour: Characteristics

Active Matter: 50±1%

PH (10% Aq. Soln.): 7.5±1

Solid Content by Mass: 50-52%

Solubility: Soluble in water

2. Chemical Composition:

Active Ingredients: Proprietary blend of Personal care & Home care Products.

Hazardous Ingredients: None

3. Applications:

BKC50 is widely used in formulation like personal care & Home care products as well as in other industrial such as:

- In antiseptic, disinfectant & detergent formulations.
- In formulations of cleansers & sanitizers for food & beverages industries.
- In livestock hygiene products.
- It can be used as Bactericide, mildew inhibitors, softener, antistatic agent, emulsifier & regulator.
- Disinfectant and bactericide-used for medical operation and medical appliance, food processing equipment, sugar making industry, silk-warm rising sites, etc.



- Sterilization algaecide- used in circulating cooling water, water for power plant and water injection system of oilfields.

4. Storage and Handling:

- Store in a cool, clean, dry area, away from heat & direct sunlight. Store at 20°-30°C.
- Keep the container tightly closed when not in use.
- Spills may be cleaned by flushing the sufficient amount of water.
- Avoid ingestion, contact with eyes and prolonged contact with skin & clothing. In case of contact, rinse with plenty of water & timely medical attention.
- Use in a well-ventilated area and wear appropriate personal protective equipment (PPE) when handling.

5. Packaging:

BKC50 is available in various container sizes, including HDPE carboys 225kg, Drums as 80kg & SKU's and bulk containers.

6. Shelf Life:

The product typically has a shelf life of 12 months from the date of manufacture when stored as recommended.

7. Safety and Environmental Precautions:

BKC50 is intended for industrial use only.

It's readily biodegradable & Dispose of the product and containers in accordance with local regulations.

Disclaimer: This technical data sheet is for informational purposes only and does not constitute a warranty or guarantee regarding the product's performance. Users should conduct their own tests to determine the suitability of BKC50 for their specific applications.