

## Technical Data Sheet of BKC 80%

**Product Name:** Benzalkonium Chloride

**Product Code:** ACSCBKC80

**CAS No:** 8001-54-5

**Description:** BKC is a **Cationic Surfactant & APEO Free**. It has Excellent Anti-microbial properties. ACSCBKC80 is specialized chemical used in formulation of Personal care & Home care Products.

### **1. Physical Properties:**

Appearance: Clear colourless liquid.

Odour: Characteristics

Active Matter: 80±1%

PH (10% Aq. Soln.): 7.5±1

Solid Content by Mass: 80-82%

Solubility: Soluble in water

### **2. Chemical Composition:**

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

Hazardous Ingredients: None

### **3. Applications:**

**BKC80** 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 algacide- 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:**

BKC80 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:**

BKC80 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 ACSCBKC80 for their specific applications.