

## TECHNICAL DATA SHEET

### Product Name

### Galaxy BKC

#### DESCRIPTION

Chemical name	: Dimethyl lauryl benzyl ammonium chloride
INCI name	: Benzalkonium Chloride
CAS Number	: 85409-22-9
EINECS Number	: 287-089-1
Chemical Formula	: $C_6H_5-CH_2-N^+R(CH_3)_2Cl^-$ (R = C <sub>12-14</sub> natural)

#### TECHNICAL SPECIFICATIONS

Appearance/nature	: Clear syrupy liquid
Odour	: Characteristic
Colour	
a) description	: Colourless to pale yellow
b) on Lovibond (5 ¼" cell, Y+R), maximum	: 3
pH (5% aqueous solution)	: 6 – 8
Active matter, % by mass (Mol.wt.353.5)	: 49 – 51
Free amine (Mol. wt. 224) & amine HCl (Mol.wt.260.5), % by mass, maximum	: 1.5

**Galaxy BKC** is a cationic surfactant and has excellent anti-microbial properties.

#### APPLICATIONS

**Galaxy BKC** is widely used in **Personal Care and Home Care** products as well as in other industries such as:

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- In antiseptic, disinfectant and detergent formulations
- In formulations of cleansers and sanitizers for food and beverage industries
- In live stock hygiene products

**PACKING**

**Galaxy BKC** is available in HM-HDPE drums of 210 kg. net wt. Total of 80 drums i.e. 16.8 MT can be shipped in a 20 ft. full container load.

**HANDLING AND STORAGE**

Keep the material in a cool, dry place away from heat and direct sunlight. Store the material at 20<sup>0</sup>-30<sup>0</sup>C. In original, sealed containers and kept at suggested storage conditions, the material can be stored for at least 1 year. Spills may be cleaned by flushing with sufficient amount of water. Avoid ingestion, contact with eyes and prolonged contact with skin and clothing. In case of contact with eyes and skin, seek adequate and timely medical attention. Stacking should be maximum 1+1 drums.

Product Name : **Galaxy BKC**  
Version : 02  
Date of issue : 20.5.2010  
TDS Updated by : Mr. Sanjay Joshi  
Authorized by : Mr. Milind Patil  
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