

# Sonachi<sup>TM</sup>

## LAXTRACIDE BKC

TECHNICAL INFORMATION

We preserve the Best

### Description

It is a low toxic wide spectrum biocide specially developed for complete microbial protection of water treatment, sugar and other applications.

### Composition

Alkyl -Dimethyl Benzyl Ammonium Chloride

### CAS No.

8001-54-5

### Biological Properties

Laxtracide BKC is completely effective in preventing growth of micro-organisms responsible for wet state degradation in sugar, water treatment and other applications. It is an excellent preservative against most of the microbial degradation. However, Laxtracide BKC has a wide spectrum activity against following organisms.

#### BACTERIA

Alternaria alternata  
Aureobassidium pullalans  
Lentinus tigrims  
Trichoderma Viride  
Aeromonas Sp  
Alcaligenes Sp  
Bacillus Sp  
Escherichia Sp  
Flavobacterium Sp  
Klebsiella Sp  
Proteus Sp  
Pseudomonas Sp  
Proteus mirabilis

#### FUNGI

Aspergillus niger  
Cephalosporium fragrans  
Ceratocystis pilifera  
Aspergillus Sp  
Candida Sp  
Cephalosporium Sp  
Cladosporium Sp  
Fusarium Sp  
Paecilomyces Sp  
Penicillium Sp  
Rhodotorula Sp  
Streptomyces Sp  
Torula utilis

### Target Industries

Paper and Pulp, Sugar Industry, Metal Working Fluid, Paper & Pulp, Water Treatment, Veterinary, Cold Storage, Adhesives, Prawn and Fish Culture, Sanitation, Construction, Ceramic and Clay

### Typical Properties

Colour & Appearance	Colourless clear liquid
Nature	Cationic
pH (in distilled water)	6.0 - 8.0
Specific Gravity at 27 +/- 2 C	0.970 - 0.985
Active	50 +/- 2

### Dosage

The dosage of Laxtracide BKC is recommended @ 0.001 to 0.5 % of the final product depending on the type and susceptibility of the finished product and the raw material used.

The Sonachi Microbiological Laboratory will be ready to assist in the optimization of the dosages required for the products. This facility is most useful where formulation has greater microbiological susceptibility.

### Method of Use

Laxtracide BKC can be added either manually or by automatic metering device, at any stage of the production process but since protection is required throughout, it is recommended to use at early stage.

### Compatibility

Laxtracide BKC is compatible with most of the raw materials used in the microbiological susceptible products. It causes no discoloration and may be used in formaldehyde sensitive systems.

### Availability

Laxtracide BKC is readily available ex-stock at all time in 30/50/200 kgs HDPE carboys.

### Storage

It is also recommended that product should be stored in original Sonachi sealed containers at ambient temperature and protect from direct exposure of sunlight. It is also recommended that product should be used within 6 months of delivery.

### Handling

Since material is classified as irritant may produce some burning skin. It is recommended that normal protective clothing, gloves and face protection should be worn during handling the product.

### Toxicology

Laxtracide BKC has following toxicological properties.

Acute Oral LD50Rat 2540 mg/kg  
Acute Dermal LD50Rat 1560 mg/kg

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## NEW GENERATION BIOCIDES AND PRESERVATIVES

The above data is provided for information only. It is correct to the best of our knowledge, information and belief at the date of its publication

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