

# Sonachi™

## LAXTRACIDE BDS

We preserve the Best

TECHNICAL INFORMATION

### Description

Laxtracide BDS is dry film protection biocide used for exterior and interior coatings.

### Composition

A combination of Octyl Isothizolone, Carbendazium, Benzimidazole and Urea derivative.

### Biological Properties

Laxtracide BDS is completely effective in preventing growth of micro-organisms responsible for dry state degradation in paints, coatings and other applications. It is an excellent preservative against most of the microbial degradation. However, Laxtracide BDS has a wide spectrum activity against the following organisms.

#### BACTERIA

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

#### FUNGI

Aspergillus niger  
Chaetomium globosum  
Sclerophama pitophua  
Aspergillus Sp  
Candida Sp  
Cephalosporium Sp  
Cladosporium Sp  
Fusarium Sp  
Paecilomyces Sp  
Penicillium Sp  
Rhodotorula Sp  
Streptomyces Sp  
Torula utilis

### Typical Properties

Colour & Appearance	Off white mobile dispersion
Nature	Nonionic
pH	6.0 - 8.0
Specific Gravity at 27 +/-2 C	1.150 - 1.250
Solubility in water	Dispersible

### Dosage

The dosage of Laxtracide BDS is recommended @ 0.3 to 2.0 % 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 BDS 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 BDS 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 BDS 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 BDS has following toxicological properties

Acute Oral LD50Rat	4000 mg/kg
Acute Dermal Toxicity LD50	4000 mg/kg Rat

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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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