

# Sonachi

## LAXTRACIDE MST

### TECHNICAL INFORMATION

#### Description

It is a low toxic wide spectrum biocide specially developed for complete microbial protection of water based products against microbial spoilage.

#### Composition

A formulation Hexahydro-1,3,5-tris (2-hydroxyethyl) S-triazine

#### Biological Properties

Laxtracide MST is completely effective in preventing growth of micro-organisms responsible for wet state degradation. Such degradation can take the form of viscosity loss, malodour, gassing and unwanted breakdown of the products. However Laxtracide MST has a wide spectrum activity against following organisms.

#### BACTERIA

Achromobacter Sp  
Aeromonas Sp  
Alcaligenes Sp  
Bacillus Sp  
Escherichia Sp  
Flavobacterium Sp  
Klebsiella Sp  
Proteus Sp  
Pseudomonas Sp

#### FUNGI

Aspergillus niger  
Candida Sp  
Cephalosporium Sp  
Cladosporium Sp  
Fusarium Sp  
Paecilomyces Sp  
Penicillium Sp  
Rhodotorula Sp  
Streptomyces Sp

#### Target Industries

Paper & Pulp, Dyes and Pigments, Water Treatment, Ceramic and Clay, Emulsion Polymerization, Metal Treatment, Cold Storage, Adhesives, Paints and Printing Inks & Metal Working Fluids.

#### Typical Properties

Colour & Appearance	Light yellow Liquid
Nature	Nonionic
pH	10.0-11.0
Solubility in water	Soluble
Specific Gravity	1.145-1.155

#### Dosage

The dosage of Laxtracide MST 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 MST 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 MST 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 MST is readily available ex-stock at all time in 50/100/200 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 MST has following toxicological properties  
Acute Oral LD50Rat 763 mg/kg  
Acute Dermal LD50Rat >2g/kg

#### SONACHI GROUP

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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