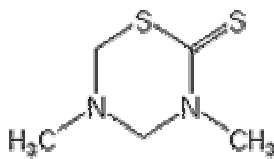


Sonachi



We preserve the best

Laxtracide DZ

TECHNICAL INFORMATION

Description

It is a low toxic thiocyanate base biocide with special carbon chain combination to control microbes in water treatment, Gum, wood and leather applications.

Composition

3,5-Disubstituted-Tetrahydro-2H-1,3,5-Thiadiazin-2-Thione

CAS No.

533-74-4

Biological Properties

Laxtracide DZ 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 DZ 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, Guar Gum, Water Treatment, Ceramic and Clay, Emulsion Polymerization, Metal Treatment, Cold Storage, Adhesives, Paints and Printing Inks & Metal Working Fluids.

Typical Properties

Colour & Appearance	White powder
Odour	Mild Sulpher
pH (5 % in distilled water)	NA
Solubility in water	Insoluble, Soluble in DMF
Melting Point C	103- 105

Dosage

The dosage of Laxtracide DZ 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 DZ 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 DZ 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 DZ is readily available ex-stock at all time in 25 kgs Polyethylene Bags

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.

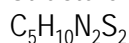
Toxicology

Laxtracide DZ has following properties.

Acute Oral LD50Rat

363 mg/kg

Structural Formula



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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