

LAXTRACIDE MWF

TECHNICAL INFORMATION

Description

Water dispersible, phenol free biocide which gives excellent protection against fungal and bacterial growth.

Composition

Proprietary blend of non-ionic biocide

Biological Properties

Laxtracide MWF 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 MWF 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

Metal Working Fluid, Paper & Pulp, Water Treatment, Veterinary, Cold Storage, Adhesives, Prawn and Fish Culture, Sanitation, Construction.

Typical Properties

Colour & Appearance	Amber Coloured Liquid
Odour	Characteristic
pH	4.0 - 7.0
Specific Gravity at 27 +/-2 C	0.950 - 0.990
Solubility in water	Stable white emulsion

Dosage

The dosage of Laxtracide MWF 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 MWF 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 MWF 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 MWF 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 MWF has following toxicological properties.

Acute Oral LD50Rat	500 mg/kg
Acute Dermal LD50Rat	1414 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