

LAXTRACIDE GUM PX

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

Proprietary blend of non-ionic biocides.

Biological Properties

Laxtracide GUM-PX 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 GUM PX 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	Practically Colourless liquid
Nature	Nonionic
pH	3.0 – 5.0
Solubility in water	Soluble
Specific Gravity	1.040 – 1.050

Dosage

The dosage of Laxtracide GUM PX 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 GUM PX 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 GUM PX 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 GUM PX 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 GUM PX has following toxicological properties
Acute Oral LD50Rat 4448 mg/kg
Acute Dermal LD50Rat >2000 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