

LAXTRACIDE IT

TECHNICAL INFORMATION

Description

It is a low toxic wide spectrum biocide specially developed for complete microbial protection of cosmetic formulations.

Description

A formulation of 5-Chloro-2Methyl-4-Isothiazolin-3-One (CIT) and 2-Methyl-4-Isothiazolin-3-One(MIT)

Biological Properties

Laxtracide IT 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 IT 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

Shampoo, Fairness Cream, Hair Gel, Creams, Moisturizer, Nail Polish, Face Wash, Hand Wash, Perfumes, Shaving Cream.

Typical Properties

Colour & Appearance	Practically colourless liquid
Nature	Nonionic
pH	4.0 - 6.0
Solubility in water	Soluble
Specific Gravity	1.040 - 1.050

Dosage

The dosage of Laxtracide IT is recommended @ 0.1 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 IT 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 IT 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 IT 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

Information available upon request

Acute Oral LD50Rat 4448 mg/kg
Acute Dermal LD50Rat >2000 mg/kg

SONACHI GROUP

A-38, Raj Industrial Complex, 2nd. Floor, Military Road,
Andheri (East), Mumbai – 400 059.
Tel : 91-22-6929981 / 6929982 / 8454259.
Mobile No. 98211 60065
Fax : 6939981 /8454259
E-mail :sonachi@tatanova.com

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