



BIONIX[®] MBS2525

2.5 % BIT + 2.5% MIT

PRODUCT DATA SHEET

DESCRIPTION

BIONIX MBS 2525, 2.5%, 1,2-Benzisothiazolin-3-one + 2.5% 2-methyl-4-isothiazolin-3-one, is a broad spectrum, industrial microbiocide for use in polymer latices, paints and coatings, building materials, adhesives and tackifiers, mineral slurries, additives for aqueous products for use in household consumer, industrial, janitorial products, pet litter, metal working fluids and textiles/cordage products and textile/textile fibers making.

BENEFITS

- Effective bactericide/fungicide
- Aqueous based solution
- VOC-free
- Formaldehyde free
- pH stable from 4-11
- FDA approved for various applications
- Broad spectrum microbiocide, effectively controlling bacteria, yeast, and fungi

PHYSICAL PROPERTIES

Appearance	Transparent, Liquid
Color	Pale Yellow
pH	8.0-9.5
Solubility in water	100%
Specific Gravity	1.03-1.07

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APPLICATION/USES

BIONIX MBS2525 can be dosed directly either by open pouring or by metered pump. The concentration required to give protection depends on several factors. These include the susceptibility of the system to microbiological degradation, the extent to which microorganisms can gain access, the species involved, pH, temperature and length of time for which protection is required. BIONIX MBS2525 is best added after any heating stage or when the product has cooled below 40°C.

GENERAL PRESERVATIVE

- This product is used to reduce contamination in raw materials and/or products such as: paints, adhesives, sealants and caulks, polymer emulsions, household cleansers, car care products, laundry additives, construction materials and metalworking fluids. Use levels normally range from 0.15 - 0.5% based on total finished weight of product.

21 CFR CLEARANCES

21 CFR 175.105	Adhesives
21 CFR 176.170	As a preservative for paper coating compositions, at a level not to exceed 0.01 mg/in ² of finished paper or paperboard in contact with fatty and aqueous food.
21 CFR 176.180	As a preservative for paper coating compositions, at a level not to exceed 0.02 mg/in ² of finished paper or paperboard in contact with dry food.
21 CFR 176.300	Slimicides (max. 0.06lb product/ton dry wt. fiber)

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PACKAGING

TYPE	LBS	KG
55 gal. Drum	441 lbs	200 kg
275 gal. Tote	2205 lbs	1,000 kg

SHIPPING LOCATIONS



Chattanooga, TN

SHIPPING INFORMATION

NOT REGULATED AS A DANGEROUS GOOD

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STORAGE/HANDLING

- Do not handle material near food, feed or drinking water, avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Contaminated clothing should not be allowed out of the workplace. Use closed handling and dispensing systems whenever possible.
- Use personal protective equipment. Keep in a cool, dry, well ventilated area. Keep containers tightly closed and protect from frost.

HAZARDS IDENTIFICATION

GHS LABEL ELEMENTS



CORROSIVE



IRRITANT

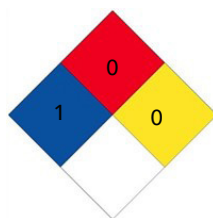


ENVIRONMENTAL TOXICITY

HMIS (USA)

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	<input type="checkbox"/>

NFPA



NOTICE TO READER

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