

AXCIDE

MBS PLUS

GENERAL

Chemical Names	Aqueous formulation of 2-Methyl-4-isothiazolin-3-one (MIT) and 1,2 Benzisothiazolin-3-one (BIT)
Appearance	Dark yellow clear liquid

SPECIFICATIONS

<u>Properties</u>	<u>Typical Value</u>
2-Methyl-4-isothiazolin-3-one (MIT) Content, %	2.35-2.65
1,2 Benzisothiazolin-3-one (BIT) Content, %	2.35-2.65
Specific Gravity @ 25°C	1.03-1.10
pH @20°C	8.0 – 9.0
Solubility	Soluble in water and most of alcohol or glycol
Stability	Stable at below 80°C, pH =2-10 under rays

PACKING

200kg per UN approved PE drum or net weight in IBC tank.

APPLICATIONS

It is a liquid biocide, water-soluble and can be used to control the growth of bacteria, fungi, yeast and moulds in painting, coating, polymer emulsion, glue and adhesive, pigment slurries and metal working fluids. It has a broad spectrum activity, good long-term thermal and pH stability with significantly reduced sensitivity. It is effectively to inhibit microorganisms with a low concentration of chemical dosage. In general, the chemical dosages is 0.1-0.4% of total amount to be preserved, it depends on product preserved and environment of exposure. It can inhibit a wide range of microorganisms, for instance bacteria: *Achromobacter sp*, *Aeromonas sp*, *Alcaligenes sp*, *Bacillus sp*, *Escherichia coli*, *Flavobacterium sp*, *Klebsiella sp*, *Proteus sp*, *Pseudomonas sp*, *Streptomyces sp* and moulds: *Aspergillus sp*, *Cephalosporium sp*, *Cladosporium sp*, *Fusarium sp*, *Paecilomyces sp*, *Saccharomyces cerevisiae*.

TRANSPORT INFORMATION

CORROSIVE LIQUID, IRRITANT
UN1760 PACKING GROUP III

The above information is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control.

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