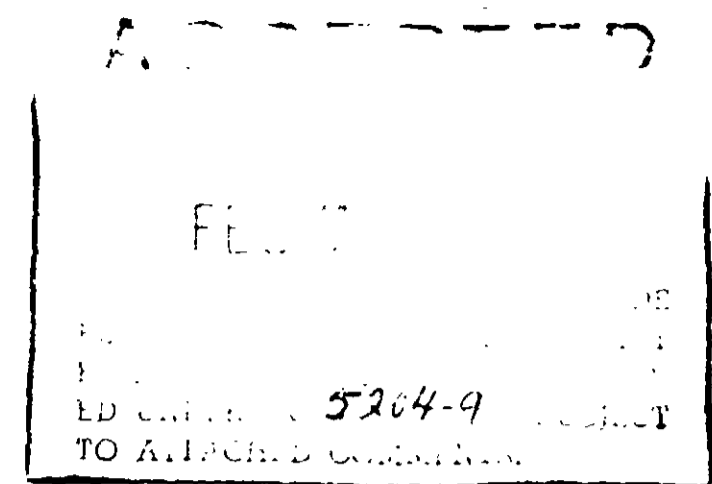


biOMET* Tri Propyltin Oxide



FOR CONTROL OF THE GROWTH OF FUNGI AND MANY BACTERIA
FOR USE IN MANUFACTURING OTHER ECONOMIC POISONS

M&T CHEMICALS INC.

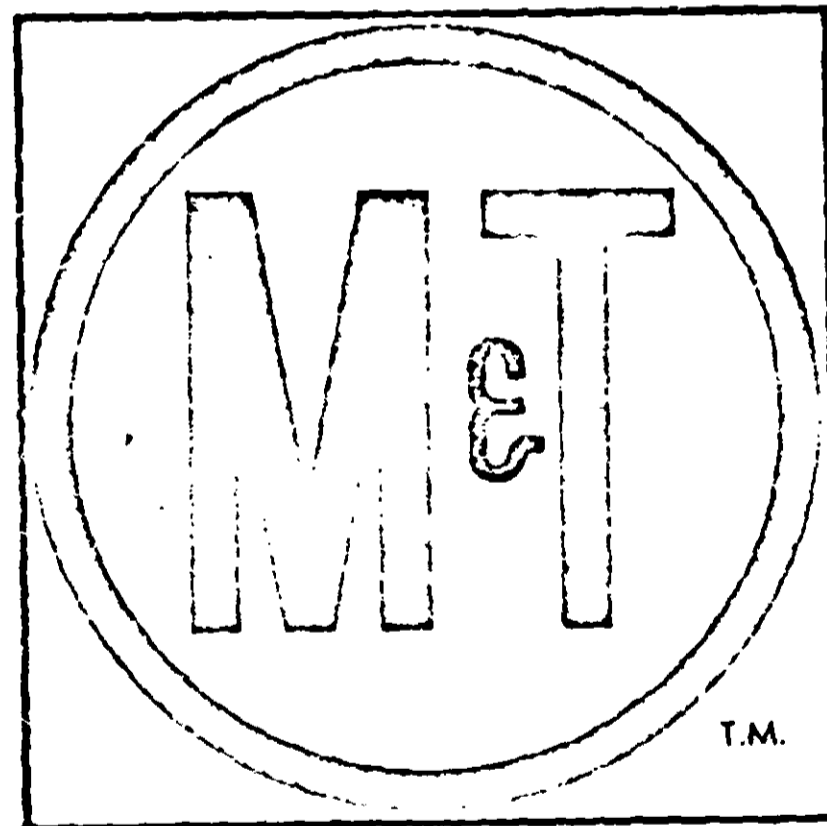
GENERAL OFFICES **RAHWAY, N. J.**

Active Ingredients:

bis (tri-n-propyltin) oxide . . . 95% min.

Inert Ingredients: 5% max.

WARNING! POISONOUS BY SWALLOWING OR SKIN CONTACT
MAY CAUSE SKIN IRRITATION OR DELAYED
CHEMICAL BURNS
ABSORBED THROUGH THE SKIN



ORGANIC &
INORGANIC
CHEMICALS

MINERALS &
CERAMICS
PRODUCTS

ORGANIC
COATINGS &
COMPOUNDS

PLATING
PROCESSES &
EQUIPMENT

Do not get in eyes, on skin, on clothing.
Do not breathe spray mist.
Do not contaminate feed or food stuffs.

XX POISON XX

If swallowed: Give a tablespoon of salt in a glass of warm water and repeat until vomit fluid is clear. Have victim lie down and keep quiet. Call a physician immediately.

In case of skin contact: Immediately remove all contaminated clothing and flush skin or eyes with plenty of water for at least 15 minutes; for eyes, get medical attention. If burning or blistering of skin results, get medical attention. Wash clothing before re-use.

Keep out of reach of children.

READ TECHNICAL DATA BULLETIN ABOUT
THIS PRODUCT PRIOR TO USE

OFFICES IN PRINCIPAL CITIES

USDA Reg. No. 5204-

bioMeT* bis (tri-n-propyltin) oxide

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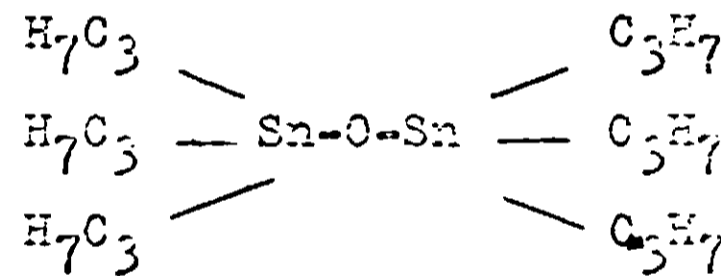
General Description:

bioMeT bis (tri-n-propyltin) oxide is a clear liquid containing over 95% active material. It controls the growth of gram-positive and gram-negative bacteria as well as fungi.

The product is insoluble in water but miscible in most organic solvents. bioMeT bis (tri-n-propyltin) oxide retains its biological activity in both alkaline solutions and dilute mineral acids at room temperature. It is not generally deactivated by cationic, nonionic, and anionic surfactants.

Chemical and Physical Properties:

Structure:



Physical form:	Colorless liquid
Boiling Point:	142-144°C at 1mm Hg pressure
Molecular Weight:	511.8
Freezing Point:	Below -65°C
Specific Gravity:	at 20°C 1.2463
Viscosity:	3.99 centistokes
Solubility:	Soluble in most organic solvents; insoluble in water
Surface Tension:	26.3 dynes/cm

Laboratory Evaluation:

Typical broth dilution data as follows:

<u>Organism</u>	<u>Minimum Concentration (ppm) For Complete Inhibition of Growth</u>
Penicillium funiculosum	2.0
Aspergillus flavus	0.25
Candida albicans	0.5
Aerobacter aerogenes	10.0
Pseudomonas aeruginosa	31.0
Staphylococcus aureus	1.0

WARRANTY STATEMENT:

M&T Chemicals Inc. gives no warranty, expressed or implied, and all products are sold upon the condition that purchasers will make their own tests to determine the quality and suitability of the product. Any information or suggestions are without warranty of any kind and purchasers are solely responsible for any loss arising from the use of such information or suggestions. No information or suggestions given by us shall be deemed to be a recommendation to use any product in conflict with any existing patent rights.

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