

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Onyx 10% BTC 776/TIN Industrial Water Cooling Tower Algicide is designed to prevent algae and fungal slime formation in cooling tower systems.

Initial Dose: 1-2 gallons Onyx 10% BTC 776/TIN to each 5,000 gallons of water contained in the system. Repeat until control is evident. When system is in control, add **Periodic Dose:** 1-3 quarts Onyx 10% BTC 776/TIN to each 5,000 gallons of water contained in the system every 7 days or sooner should visible growth appear. For best results, clean heavily contaminated systems before treatment with this product. If soap or anionic detergent is used, rinse thoroughly before charging with Onyx 10% BTC 776/TIN. Apply Onyx 10% BTC 776/TIN at a point in the system where uniform mixing will take place.

Do not be alarmed with the sudden appearance of organic debris in the system during the first week of operation. This is normal and is a good indication that Onyx 10% BTC 776/TIN has effectively penetrated and dislodged dead organic material which tenaciously adheres to metal and wooden surfaces as living matter. This debris should be removed from the system to avoid clogging of screens and pipes.

When Onyx 10% BTC 776/TIN is used as directed, it will aid in controlling and/or preventing the development of unsanitary slime conditions which are unsightly produce foul odors and which are often the cause of equipment breakdown. Onyx 10% BTC 776/TIN is compatible with virtually all corrosion inhibition additives, but should not be used in the presence of soap or other anionic detergents. Onyx 10% BTC 776/TIN at use dilution is non-corrosive to inanimate hard surfaces.

ONYX



10% BTC 776/TIN INDUSTRIAL WATER COOLING TOWER SLIMICIDE

Concentrated Slimicide for industrial re-circulating water cooling towers. Helps keep water cooling tower systems clear and free of visible algae and fungal slimes.

ACTIVE INGREDIENTS:

n-Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈) dimethyl benzyl ammonium chlorides.....	8.4%
n-Dialkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈) methyl benzyl ammonium chlorides.....	1.6%
Bis(tributyltin) oxide	1.8%
INERT INGREDIENTS:	88.2%

TOTAL 100.00%

EPA REG. NO. 1839-121
EPA EST. NO. 1839-NJ-01

ONLY FOR SALE TO, USE, AND
STORAGE BY SERVICE PERSONS

KEEP OUT OF REACH OF CHILDREN DANGER

See side panels for additional precautionary
and first aid statements.

onyx chemical company
MILLMASTER ONYX GROUP

190 WARREN STREET
ROSELAND, N.J. 07068

NET CONTENTS

PRECAUTIONARY STATEMENTS:

HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER

Keep Out of Reach of Children. Causes severe eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

ENVIRONMENTAL HAZARDS

FISH AND WILDLIFE PRECAUTIONS

This pesticide is toxic to fish. Do not discharge into lakes, streams, ponds or public waters. Do not contaminate water by cleaning of equipment or disposal of waste.

STORAGE AND DISPOSAL

- DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL
- OPEN DUMPING IS PROHIBITED
- DO NOT REUSE EMPTY CONTAINER

PESTICIDE DISPOSAL

Pesticide or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place.

CONTAINER DISPOSAL

Triple rinse (or equivalent) and dispose in an incinerator or landfill approved for pesticide containers, or bury in a safe place.

ACCEPTED
WHOLESALE
In EPA 1839-121

OCT 15 1982

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product is registered for use as a disinfectant and sanitizer.

1839-121

<p style="text-align: center; font-weight: bold; font-size: small;">U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; font-size: x-small;">EPA REGISTRATION NO. 1839-121</td> <td style="width: 50%; font-size: x-small;">DATE OF ISSUANCE</td> </tr> <tr> <td colspan="2" style="font-size: x-small;">TERM OF ISSUANCE OCT 15 1982</td> </tr> <tr> <td colspan="2" style="font-size: x-small;">NAME OF PESTICIDE PRODUCT 10% BTC 776/TIN Industrial Water Cooling Tower Slimicide</td> </tr> </table>	EPA REGISTRATION NO. 1839-121	DATE OF ISSUANCE	TERM OF ISSUANCE OCT 15 1982		NAME OF PESTICIDE PRODUCT 10% BTC 776/TIN Industrial Water Cooling Tower Slimicide	
EPA REGISTRATION NO. 1839-121	DATE OF ISSUANCE						
TERM OF ISSUANCE OCT 15 1982							
NAME OF PESTICIDE PRODUCT 10% BTC 776/TIN Industrial Water Cooling Tower Slimicide							
<p>NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</p>							
<p style="font-size: x-small;">NAME AND ADDRESS OF REGISTRANT (Include ZIP code)</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p>Onyx Chemical Co. 190 Warren Street Jersey City, NJ 07302</p> </div>							
<p style="font-size: x-small;">NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.</p> <p style="font-size: x-small;">On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p style="font-size: x-small;">A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p style="font-size: x-small;">Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p style="text-align: center;">This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data. 2. Make the labeling changes listed below before you release the product for shipment: <ol style="list-style-type: none"> a. Add the phrase "EPA Registration No. 1839-121." b. The signature and title, with date, signed in the Application Form, Confidential Statement of Formula, Certification Statement and Offer-to-Pay Statement must be in the original. c. According to our records, Bio Met TBTO, EPA Registration No. 5204-1, is 95% active; therefore, you should declare: <div style="text-align: center;">Bis(tributyltin)oxide..... 3.4%</div> d. Container disposal instructions of smaller size containers such as one qt. or one gal. should be similar to: 							
<p><input checked="" type="checkbox"/> ATTACHMENT IS APPLICABLE</p>							
<p style="font-size: x-small;">SIGNATURE OF APPROVING OFFICIAL</p> <p><i>James H. Banks</i></p>	<p style="font-size: x-small;">DATE</p>						

John H. Lee

DISPOSAL

Do not reuse empty container.
Rinse container and put in trash collection.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

James H. Banks
for

John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767)

Enclosures

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Onyx 10Z BTC 776/TIN Industrial Water Cooling Tower Algicide is designed to prevent algae and fungal slime formation in cooling tower systems.

Initial Dose: 1-2 gallons Onyx 10Z BTC 776/TIN to each 5,000 gallons of water contained in the system. Repeat until control is evident. When system is in control, add **Periodic Dose:** 1-3 quarts Onyx 10Z BTC 776/TIN to each 5,000 gallons of water contained in the system every 7 days or sooner should visible growth appear. For best results, clean heavily contaminated systems before treatment with this product. If soap or anionic detergent is used, rinse thoroughly before charging with Onyx 10Z 776/TIN. Apply Onyx 10Z 776/TIN at a point in the system where uniform mixing will take place.

Do not be alarmed with the sudden appearance of organic debris in the system during the first week of operation. This is normal and is a good indication that Onyx 10Z BTC 776/TIN has effectively penetrated and dislodged dead organic material which tenaciously adheres to metal and wooden surfaces as living matter. This debris should be removed from the system to avoid clogging of screens and pipes.

When Onyx 10Z BTC 776/TIN is used as directed, it will aid in controlling and/or preventing the development of unsanitary slime conditions which are unsightly produce foul odors and which are often the cause of equipment breakdown. Onyx 10Z BTC 776/TIN is compatible with virtually all corrosion inhibition additives, but should not be used in the presence of soap or other anionic detergents. Onyx 10Z BTC 776/TIN at use dilution is non-corrosive to inanimate hard surfaces.

ONYX



10Z BTC 776/TIN

INDUSTRIAL WATER

COOLING TOWER SLIMICIDE

Concentrated Slimicide for industrial re-circulating water cooling towers. Helps keep water cooling tower systems clear and free of visible algae and fungal slimes.

ACTIVE INGREDIENTS:
n-Alkyl (60ZC14, 30ZC16, 5ZC12, 5ZC18) dimethyl benzyl ammonium chlorides.....8.47
n-Dialkyl (60ZC14, 30ZC16, 5ZC12, 5ZC18) methyl benzyl ammonium chlorides.....1.62
Bis(tributyltin) oxide.....1.87
INERT INGREDIENTS:.....88.27

TOTAL 100.00%

EPA REG. NO. 1839-121
EPA EST. NO. 1839-NJ-01

ONLY FOR SALE TO, USE, AND STORAGE BY SERVICE PERSONS

KEEP OUT OF REACH OF CHILDREN
DANGER

See side panels for additional precautionary and first aid statements.

onyx chemical company

MILLMASTER ONYX GROUP

190 WARREN STREET
HASEY CITY, N. J. 07303

NET CONTENTS

PRECAUTIONARY STATEMENTS:

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Keep Out of Reach of Children. Causes severe eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

ENVIRONMENTAL HAZARDS

FISH AND WILDLIFE PRECAUTIONS

This pesticide is toxic to fish. Do not discharge into lakes, streams, ponds or public waters. Do not contaminate water by cleaning of equipment or disposal of waste.

STORAGE AND DISPOSAL

- DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.
- OPEN DUMPING IS PROHIBITED
- DO NOT REUSE EMPTY CONTAINER

PESTICIDE DISPOSAL

Pesticide or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place.

CONTAINER DISPOSAL

Triple rinse (or equivalent) and dispose in an incinerator or landfill approved for pesticide containers, or bury in a safe place.

ACCEPTED

WILL COMMENTS

In EPA Form 160-1

OCT 15 1982

Under the Federal Insecticide, Fungicide, and Rodenticide Act, registration of this pesticide is required under FIFRA.

1839-121

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO. 1839-121	DATE OF ISSUANCE
	TERM OF ISSUANCE OCT 15 1982	
	NAME OF PESTICIDE PRODUCT 10% BTC 776/TIN Industrial Water Cooling Tower Slimicide	
NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)		
NAME AND ADDRESS OF REGISTRANT (Include ZIP code) <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> Onyx Chemical Co. 190 Warren Street Jersey City, NJ 07302 </div>		
<p>NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.</p> <p>On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data. 2. Make the labeling changes listed below before you release the product for shipment: <ol style="list-style-type: none"> a. Add the phrase "EPA Registration No. 1839-121." b. The signature and title, with date, signed in the Application Form, Confidential Statement of Formula, Certification Statement and Offer-to-Pay Statement must be in the original. <div style="text-align: center; margin: 10px 0;"> <p>Bis(tributyltin)oxide..... 3.48</p> </div> <ol style="list-style-type: none"> d. Container disposal instructions of smaller size containers such as one qt. or one gal. should be similar to: 		
<input checked="" type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL <i>James H. Banks</i>		DATE

John H. Lee

DISPOSAL

Do not reuse empty container.
Rinse container and put in trash collection.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

James H. Banks
for

John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767)

Enclosures