

DOT Proper Shipping Name:  
**CORROSIVE LIQUID, N.O.S.**

(5-Chloro-2-methyl-4-isothiazolin-3-one)

**UN 1760**

In event of emergency,  
**CALL TOLL FREE: 800-424-9300 (CHEMTREC)**

**MADE IN U.S.A.**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

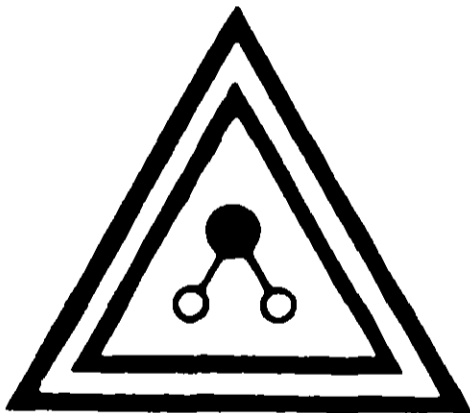
**DANGER**

**CORROSIVE.**  
**CAUSES EYE DAMAGE AND SKIN BURNS.**  
**MAY CAUSE ALLERGIC SKIN REACTION.**  
**MAY BE HARMFUL IF INHALED.**  
**MAY BE FATAL IF SWALLOWED OR  
ABSORBED THROUGH THE SKIN.**

**Do not get in eyes, on skin, on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing vapor or mist. Avoid contamination of food. Do not take internally. Wash thoroughly after handling.**

**ENVIRONMENTAL HAZARDS**

**This pesticide is toxic to fish and wild life. Do not discharge into lakes, streams or public waters unless in accordance with an NPDES permit. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on this label.**



**THERMIONICS INC.**

**100 Doyle Street  
Doylestown, PA 18901-3792**

**TI-536**

**INDUSTRIAL RECIRCULATING  
WATER COOLING TOWER MICROBICIDE**

**ACTIVE INGREDIENTS:**

5-chloro-2-methyl-4-isothiazolin-3-one 1.15%

2-methyl-4-isothiazolin-3-one 0.25%

**INERT INGREDIENTS:**

98.50%

**TOTAL 100.00%**

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED** Do not induce vomiting. 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.

**IF INHALED** Remove immediately to fresh air. If not breathing, apply artificial respiration. If breathing is difficult give oxygen. Call a physician.

**IF ON SKIN** Wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse.

**IF IN EYES** Flush with plenty of water for 15 minutes. Call a physician.

**NOTE TO PHYSICIAN:**

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

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

**MANUFACTURED FOR:**

EPA Est. No. 40316-PA-02  
EPA Reg.  
No. 707-133-40316

**NET CONTENTS**

**GALLONS**

## DIRECTIONS FOR USE

### GENERAL CLASSIFICATION

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

### INDUSTRIAL RECIRCULATING WATER COOLING TOWERS

For the control of bacteria, algae and fungi add TI-536 to the tower basin, distribution box or some other point to insure uniform mixing.

**INITIAL DOSE:** When the system is noticeably fouled, apply 148 to 883 ppm TI-536 (1.26 to 7.46 pounds or 19 to 113 fluid ounces of TI-536 per 1000 gallons of water in the system). Repeat until control is achieved.

**SUBSEQUENT DOSE:** When microbial control is evident, add 35 to 219 ppm TI-536 (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of TI-536 per 1000 gallons of water in the system) weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

### AIR WASHER SYSTEMS

Add to the air washer sump or chill water sump, to insure uniform mixing 35 to 883 ppm TI-536 (0.3 to 7.46 pounds or 4.5 to 113 fluid ounces of TI-536 per 1000 gallons of water in the system) depending upon the severity of contamination to control bacteria, fungi and algae which cause fouling in industrial air washer systems.

### INTERMITTENT OR SLUG METHOD

**INITIAL DOSE:** When the system is noticeably fouled, apply 148 to 883 ppm TI-536 (1.26 to 7.46 pounds or 19 to 113 fluid ounces of TI-536 per 1000 gallons of water in the system.) Repeat until control is achieved.

**SUBSEQUENT DOSE:** When microbial control is evident, add 35 to 219 ppm TI-536 (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of TI-536 per 1000 gallons of water) weekly or as needed to maintain control.

### CONTINUOUS FEED METHOD

**INITIAL DOSE:** When the system is just noticeably fouled, apply 148 to 883 ppm TI-536 (1.26 to 7.46 pounds or 19 to 113 fluid ounces of TI-536 per 1000 gallons of water in the system)

**SUBSEQUENT DOSE:** Maintain this treatment level by adding a continuous dose of 35 to 219 ppm TI-536 (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of TI-536 per 1000 gallons of makeup water)

Badly fouled systems must be cleaned before initial treatment

**NOTE:** For use only in industrial air washing systems that maintain effective mist eliminating components.

### PAPERMILLS

TI-536 is recommended for the control of bacterial and fungal slime in the production of paper.

**POINT OF ADDITION:** TI-536 should be added to a point in the system to insure uniform mixing such as the Beater, Hydropulper, or Fan or Brake Storage Pumps.

**DOSAGE:** Apply 0.44 to 1.5 lbs. (7 to 23 fluid ounces) of TI-536 per ton (dry basis) of pulp or paper produced as a slug dose. If needed repeat daily. Badly fouled systems should be cleaned before initial treatment.

TI-536 weighs 8.4 lbs. per gallon.

### STORAGE AND DISPOSAL

**STORAGE:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. If plastic, do not reuse empty container.

**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 away from water supplies. Triple rinse (or equivalent) all containers and, for metal containers, offer for recycling or reconditioning (for plastic containers dispose in an incinerator), or dispose in landfill approved for pesticide containers or bury in a safe place. Consult federal, state or local disposal authorities for approved alternative procedures.

**NOTICE:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use, storage or handling of this product in a manner other than as directed by label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

<p>U.S. ENVIRONMENTAL PROTECTION AGENCY  OFFICE OF PESTICIDE REGISTRATION  WASHINGTON, D.C. 20460</p> <p><b>NOTICE OF PESTICIDE:</b></p> <p><i>Under the Federal Insecticide, Fungicide, and Rodenticide Act.</i></p>	EPA REGISTRATION NO. 	DATE OF ISSUANCE APR 1984
NAME AND ADDRESS OF REGISTRANT (Include ZIP code)		
<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>		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL	DATE	

10-11-64 (10-11-64)

2. Please refer to the enclosed copy of the printed label and compare it with the original label and the enclosed copy of the label for a further description of the label and its design.

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

Thank you for the label is enclosed for your records.

*John L. Lee*

John L. Lee  
Product Manager (31)  
Disinfectants Branch  
Registration Division (49-767C)

Enclosure