

**BEST AVAILABLE COPY**



THEMIONICS INC.

1909 New Rodgers Road  
Levittown, PA 19056

# TI-536

**MICROBIOCIDES**

EPA REG. NO. 40316-6  
EPA EST. NO. 34093-NJ-01   
62447-KS-01

INDUSTRIAL RECIRCULATING COOLING TOWER, AIR WASHER AND PAPER MILL PROCESS WATER SYSTEMS MICROBIOCIDES

Active Ingredients:	5-Chloro-2-methyl-4-isothiazolin-3-one	1.15%
	2-Methyl-4-isothiazolin-3-one	0.35%
Inert Ingredients:		98.50%
		100.00%

Product weighs 8.4 lbs. per gallon.

**KEEP OUT OF THE REACH OF CHILDREN**

## DANGER

**STATEMENT OF PRACTICAL TREATMENT:** If swallowed, do not induce vomiting. Drink promptly a large quantity of egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately. ~~Do not give anything by mouth to an unconscious person.~~ 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 at least 15 minutes. Call a physician.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER: Corrosive.** Causes eye damage and skin burns. May cause allergic skin reaction. ~~Very toxic if inhaled. Harmful if swallowed.~~ 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 wildlife. ~~Do not discharge effluent containing this product into lakes, streams, ponds, rivers or public waters unless this product is specifically identified as safe to do so.~~ Do not discharge effluent containing this product to sewer ~~without notifying the sewer treatment plant authority.~~ For guidance, contact your State Water Board or Regional Office of the EPA. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on this label.

### 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 product 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 product (1.26 to 7.48 pounds or 19 to 113 fluid ounces of product 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 product (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of product per 1000 gallons of water system) weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is started.

**AIR WASHER SYSTEMS:** Add to the air washer sump or chill water sump, to insure uniform mixing. 35 to 883 ppm product (0.3 to 7.48 pounds or 4.5 to 113 fluid ounces of product per 1000 gallons of water in the system) depending on the severity of contamination, to control bacteria, fungi and algae which cause fouling in industrial air washers.

**INTERMITTENT OR SLUG METHOD:** Initial Dose: When the system is noticeably fouled, apply 148 to 883 ppm product (1.26 to 7.48 pounds or 19 to 113 fluid ounces of product 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 product (0.3 pounds or 4.5 to 28 fluid ounces of product per 1000 gallons of water) weekly or as needed to maintain control.

**CONTINUOUS FEED METHOD:** Initial Dose: When the system is noticeably fouled, apply 148 to 883 ppm product (1.26 to 7.48 pounds or 19 to 113 fluid ounces product per 1000 gallons of water in the system). Subsequent Dose: Maintain this treatment level by adding a continuous feed of 35 to 219 ppm product (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of product 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-removing components.

**PRECAUTIONS:** This product is recommended for the control of bacterial and fungal growth on the production of paper. **POINT OF ADDITION:** This product should be added to a point in the system to insure uniform mixing such as the beater, hydropulper, or fan or broke storage pumps. **DOSE:** Apply 0.3 to 1.5 lbs. (7 to 23 fluid ounces) of product per ton (dry basis) of paper produced as a slug dose. If needed repeat daily. Badly fouled systems should be cleaned before initial treatment.

### STORAGE AND DISPOSAL

**Prohibitions:** This product is corrosive to mild steel. Do not store or transport in unlined metal containers. Containers must be cleaned by storage disposal or cleaning equipment.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mix, or empty containers is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest Regional Office for guidance.

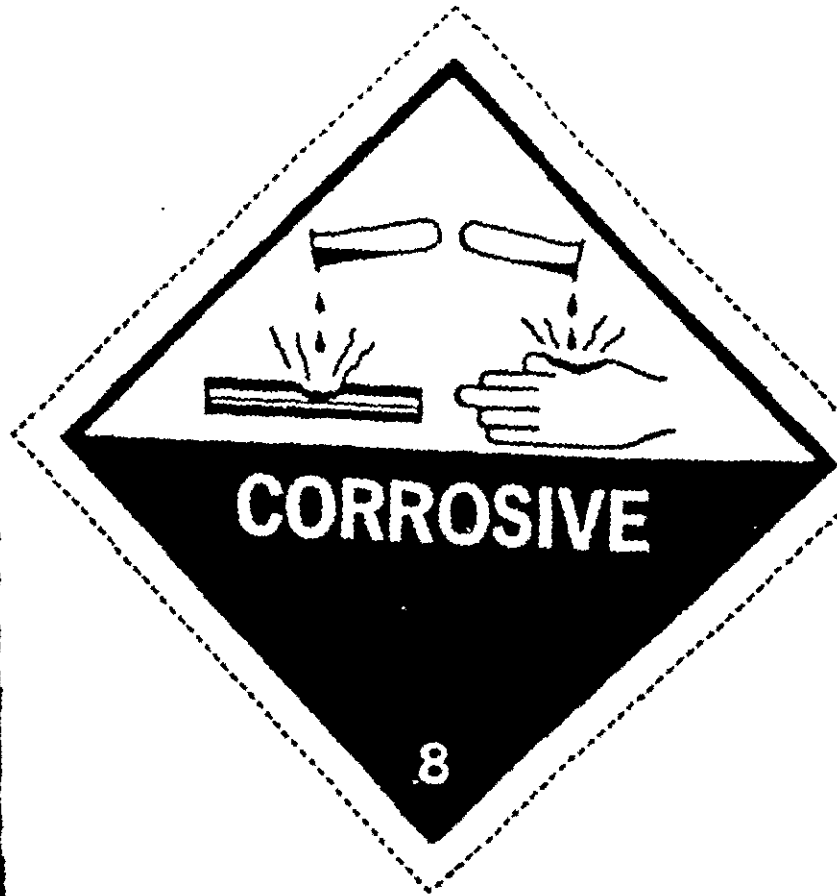
**Container Disposal:** METAL CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. **PLASTIC CONTAINERS:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. ~~Do not reuse.~~

General: Consult federal, state or local disposal authorities for approved alternative procedures.

**FOR INDUSTRIAL USE ONLY**

**Lbs. Net Wt.**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under 4031b-6  
EPA Reg. No.



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

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

UN 1760

NOTE: Seller warrants that this product complies with the specifications expressed in this label. Seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. Seller's liability for default, breach, or failure under this label shall be limited to the amount of the purchase price. Seller shall have no liability for consequential damages.