

PM 31

1445-66

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

**CORROSIVE.**

**CAUSES EYE DAMAGE AND SKIN BURNS.**

**DANGER: CAUSES ALLERGIC SKIN REACTION.**

**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 wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

**STORAGE AND DISPOSAL**

**PROHIBITIONS:**

This product is corrosive to mild steel. Do not store or transport in unlined metal containers. Do not contaminate food or feed by storage, disposal, or cleaning of equipment.

**PESTICIDE DISPOSAL:**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate 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 EPA 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. If burned, stay out of smoke.

**GENERAL:**

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

Information concerning human and environmental exposure may be reviewed on the Material Safety Data Sheet for this product. For additional information regarding incidents involving human and environmental exposure, call 412-777-8000 and ask for the Health and Environmental Affairs Department.



**CALGON**  
CORPORATION

# H-510 MICROBIOCIDES

**INDUSTRIAL MICROBIOCIDES FOR USE IN RECIRCULATING  
WATER COOLING TOWERS, AIR WASHER SYSTEMS,  
ELECTRODEPOSITION SYSTEMS.**

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Do not induce vomiting. Drink promptly a large quantity of egg whites or gelatin if available, drink large quantities of water. Avoid alcohol. Call a physician immediately. Never give to an unconscious person.

**IF INHALED:** Remove immediately to fresh air. If not breathing, apply artificial respiration. If oxygen is available, call a physician.

**IF ON SKIN:** Wash thoroughly with soap and water. Remove and wash contaminated clothing if possible.

**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. Measures against circulatory depression and convulsions may be needed.

**ACTIVE INGREDIENTS:**

5-Chloro-2-methyl-4-isothiazolin-3-one ..... 1.15%  
2-Methyl-4-isothiazolin-3-one ..... 0.35%

**INERT INGREDIENTS:** ..... 98.50%

TOTAL ... 100.00%

**KEEP OUT OF**

**DI**

See Side 1  
Precautions

**NET WT: 900 LB. (408 K)**

EPA Registration No. 10445-66

EPA Establishment No. 10445-PA-01

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**ACCEPTED**  
**FEB 16 1995**  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 10445-66

**CALGON CORPORATION**  
**CALGON CENTER • PITTSBURGH, PA**

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**GON**  
R A T I O N

**00-6609-MB**

**10**  
**OCIDE**

**USE IN RECIRCULATING  
WASHER SYSTEMS, AND  
N SYSTEMS.**

Quantity of egg whites or gelatin solution or if these are not  
physician immediately. Never give anything by mouth to an

Apply artificial respiration. If breathing is difficult, give

Wash contaminated clothing before reuse.  
Consult a physician.

Usage: Measures against circulatory shock, respiratory

**KEEP OUT OF REACH OF CHILDREN**

**DANGER:**

See Side Panel For Additional  
Precautionary Statements.

**LB. (408 KG.)**

- EPA Establishment No. 10445-CA-01
- EPA Establishment No. 10445-TX-01

**RPORATION**

**PITTSBURGH, PA. 15230**

#### 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 H-510 Microbiocide 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 H-510 Microbiocide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of H-510 Microbiocide 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 H-510 Microbiocide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of H-510 Microbiocide 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 H-510 Microbiocide (0.3 to 7.46 pounds or 4.5 to 113 fluid ounces of H-510 Microbiocide 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 washer systems.

##### ELECTRODEPOSITION SYSTEMS

For control of bacteria and fungi in Electrodeposition Systems (such as automotive or industrial equipment systems), slug feed H-510 Microbiocide at a rate of 1 gallon per 1000 gallons of paint in the system (1000 ppm) as needed, depending upon results of cultures taken from the system.

##### INTERMITTENT OR SLUG METHOD

**INITIAL DOSE:** When the system is noticeably fouled apply 148 to 883 ppm H-510 Microbiocide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of H-510 Microbiocide 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 H-510 Microbiocide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of H-510 Microbiocide 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 H-510 Microbiocide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of H-510 Microbiocide per 1000 gallons of water in the system).

**SUBSEQUENT DOSE:** Maintain this treatment level by adding a continuous feed of 35 to 219 ppm H-510 Microbiocide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of H-510 Microbiocide per 1000 gallons of makeup water).

Badly fouled systems must be cleaned before initial treatment.

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

H-510 Microbiocide weighs 8.4 lbs. per gallon.

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