

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

DANGER!

**CAUSES EYE BURNS AND SKIN IRRITATION.
HARMFUL OR FATAL IF SWALLOWED OR ABSORBED
THROUGH SKIN.**

Do not get in eyes, on skin, or on clothing.
Do not breathe vapors.
Use with adequate ventilation.
Wear goggles or face shield and rubber gloves when handling.
Wash thoroughly after handling.
Immediately remove and wash contaminated clothing before reuse.

PRACTICAL STATEMENTS OF TREATMENT:

EYES: In case of contact, flush with plenty of water for at least 15 minutes. Get medical attention immediately.
SKIN: In case of contact, flush with plenty of soap and water. Get medical attention immediately.
INTERNAL: If swallowed, call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or, if available, by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.
INHALATION: Immediately remove affected person from contaminated area to fresh air. Immediately contact physician.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with a NPDES permit. For guidance, contact your regional office of the EPA. Do not contaminate water by cleaning of container and equipment or disposal of wastes. Apply this product only as specified on this label.

NOTICE TO BUYER: Buyer assumes all risks of use and handling which are at variance in any way with the directions hereon. There are no warranties which extend beyond the description on this label.



H-303WB

MICROBIOCIDES

**A Water-Based Formulation to
Control Microorganisms in Industrial
Recirculating Cooling Water Towers**

Active Ingredients		
Methylene Bisithiocyanate	10.0%
Inert Ingredients	90.0%
	Total	100.0%

8.5 Lbs. per gallon

Net Weight _____

DANGER
KEEP OUT OF REACH OF CHILDREN

ACCEPTED
SEP 1982
10445-61

FEDERAL INSECTICIDE
AND FUNGICIDE ACT
EPA REGISTRATION NO. 10445-61

CALGON CORPORATION
CALGON CENTER • PITTSBURGH, PA. 15230

DIRECTIONS

It is a violation of Federal law to use this product in a manner inconsistent with the directions on the label.

Badly fouled systems require pre-treatment. Slug feed chemicals. Do not apply at cooling tower pump, or any other point in the system water. Slug feed dose is applied within 24 hours.

Recommended dose is 1.9 to 3.8 fluid ounces per gallon of water due to evaporation, and for adequate contact time. A representative will determine optimum dosing conditions or problem.

Initial Dosage: If system is 5.1 to 10.2 fluid ounces per gallon (40 to 80 ppm).

Subsequent Dosage: feed 1.9 to 3.8 fluid ounces per gallon of the system (15 to 30 ppm) 1 to 2 times per week, or as needed.

STORAGE AND DISPOSAL: Keep container closed. Do not contaminate water, food, or feed. Wash empty container and dispose of contents in a landfill approved for hazardous waste.

E.P.A. Registered

- EPA Establishment
- EPA Establishment
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For information regarding registration and environmental effects, request to speak to:

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SUBSIDIARY OF MERCK & CO., INC.

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CALGON CORPORATION
CALGON CENTER • PITTSBURGH, PA. 15230

DIRECTIONS FOR USE

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

Badly fouled systems should be cleaned before initiating treatment. Slug feed as received, do not mix with other chemicals. Do not overfeed. Treatment should be applied at cooling tower sump, suction side of recirculating pump, or any other point that assures good mixing with system water. Slug feeding should be timed so the entire dose is applied within a one-hour period.

Recommended dosages allow for normal water loss due to evaporation, drift and system blowdown and afford adequate contact time with organisms. Your Calgon representative will provide technical assistance in determining optimum dosages in relation to specific plant conditions or problems.

Initial Dosage: If system is noticeably fouled, slug feed 5.1 to 10.2 fluid ounces per 1000 gallons of water in the system (40 to 80 ppm). Repeat until control is achieved.

Subsequent Dosage: After bacterial control is achieved, feed 1.9 to 3.8 fluid ounces per 1000 gallons of water in the system (15 to 30 ppm). Apply treatment two to three times per week, or as needed to maintain control.

STORAGE AND DISPOSAL

Keep container closed when not in use. Do not contaminate water, food, or feed by storage or disposal. Reseal empty container and offer for reconditioning or bury in a landfill approved for pesticide disposal.

E.P.A. Registration No. 10445-61

- EPA Establishment No. 10445-PA-01
- EPA Establishment No. 10445-NJ-01
- EPA Establishment No. 10445-CA-01
- EPA Establishment No. 10445-TX-01
- EPA Establishment No. 10445-MO-01

For information regarding incidents involving human and environmental exposure, call (412) 777-8000 and request to speak to Regulatory and Trade Affairs.



H-303WB

MICROBIOCIDE

CHEMICAL
PRODUCT
BULLETIN

Highly Effective and Stable Liquid Microbiocide Controls Growth of Organisms In Recirculating Cooling Systems

Calgon® H-303WB Microbiocide is an easy-to-handle water-based formulation of methylene bithiocyanate, surfactants and dispersing agents. This product has been designed for effective control of microorganisms and slime deposits in industrial recirculating cooling water systems.

Improves System Performance

H-303WB Microbiocide improves cooling system performance and aids in maintaining design capacity by keeping cooling towers, heat exchangers and water distribution piping free of microbiological slime growths.

Improved Stability/Pumpability

The availability of a stable water dispersion of methylene bithiocyanate allows H-303WB to overcome the problems associated with organic solvent systems. Use of this product avoids pumping difficulties, product instability, high cost, and the hazards of handling organic solvents.

No Adverse Effects on Cooling Tower Wood

Because H-303WB is a non-oxidizing microbiocide, it will not cause delignification or other adverse effects on cooling tower wood fills.

Non-Corrosive At Use Concentrations

At use concentration H-303WB is non-corrosive to system metals. Biological control is maintained without causing deterioration of system components.

METHOD OF FEEDING

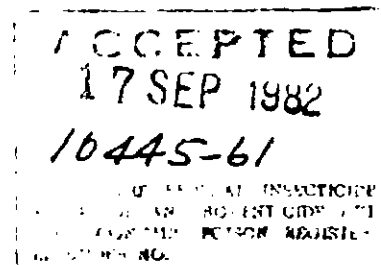
Apply this product only as specified on the label.

Badly fouled systems should be cleaned before initiating treatment. Slug feed as received. Do not dilute or mix with other chemicals. (Do not overfeed.) Treatment should be applied at cooling tower sump, suction side of recirculating pump, or any other point that assures good mixing with system water. Slug feeding should be timed so the entire dose is applied within a one-hour period.

Recommended dosages should allow for normal water loss due to evaporation, drift and system blowdown and afford adequate contact time with organisms. Your Calgon representative will provide technical assistance in determining optimum dosages in relation to specific plant conditions or problems.

Initial Dosage: If system is noticeably fouled, slug feed 5.1 to 10.2 fluid ounces of H-303WB Microbiocide per 1,000 gallons of water in the system (40 to 80 ppm). Repeat until control is achieved.

Subsequent Dosage: After bacterial control is achieved, feed 1.9 to 3.8 fluid ounces of H-303WB Microbiocide per 1,000 gallons of water in the system (15 to 30 ppm). Apply treatment two to three times per week, or as needed to maintain control.



CONTROL

No specific residual testing is required for this product. Visual examination of areas where slime deposits normally occur is recommended. To supplement visual examination, a periodic total plate count evaluation should be performed.

TYPICAL PHYSICAL PROPERTIES

Appearance Light green-yellow, dispersion
Active Ingredient 10% methylene bisthiocyanate
Weight per Gallon 8.8 ± 0.2 lbs/gallon
pH 3.0 ± 0.5
Freeze Point 0°C, 32°F
Viscosity 2200 ± 400 cps

PACKAGING

H-303WB is available in 55-gallon non-returnable lined steel drums (475 lbs. net weight). Freight classification: disinfectants, other than medicinal and other toilet preparations.

PRECAUTIONS

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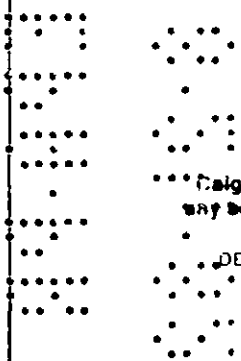
STATEMENT OF PRACTICAL TREATMENT — **EYES** In case of contact, flush with plenty of water for at least 15 minutes. Get medical attention immediately. **SKIN** In case of contact, flush with plenty of soap and water. Get medical attention immediately. **INTERNAL** If swallowed, call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or, if available, by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person. **INHALATION** Immediately remove affected person from contaminated area to fresh air. Immediately contact physician.

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Calgon representatives are located at service centers throughout the United States, ready to help you on any boiler or cooling water treatment program. For assistance, contact the closest Calgon Regional Office.

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DETROIT • FARMINGTON • HOUSTON • LOS ANGELES • PHILADELPHIA • PITTSBURGH • ST LOUIS



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