

Please read instructions on reverse before completing form. Form Approved. OMB No. 2070-0060. Approval expires 05-31-98



United States  
Environmental Protection Agency  
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number  
246945

Application for Pesticide - Section I

1. Company/Product Number 10445-61	2. EPA Product Manager Johnson	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) H-303 WB Microbiocide	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) Calgon Corporation P.O. Box 1346 Pittsburgh, PA 15230 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)  
Update environmental hazards statement according to PR Notice 93-10.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Stanley C. Oslosky	Title Manager, Product Regulations	Telephone No. (include Area Code) 412-494-8802
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Manager, Product Regulations	
4. Typed Name Stanley C. Oslosky	5. Date 11/15/95	



# H-303 WB

MICROBIOCIDES

## 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.

3044

## 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 bithiocyanate
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

**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.

**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.

**ENVIRONMENTAL HAZARDS** - This product is toxic to fish. 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 treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

### STORAGE AND DISPOSAL

**Prohibitions** - Do not contaminate water, food or feed by storage or disposal.

**Pesticide Disposal** - Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, 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.

**Metal Containers** - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

**Plastic Containers** - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For information regarding incidents involving human and environmental exposure, call (412) 494-8000 and request to speak to Health and Environmental Affairs.

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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