

3876-143

6-25-2001

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 25 2001

Kevin Manning  
BetzDearborn  
4636 Somerton Road  
P.O. Box 3002  
Trevose, PA 19053-6783

RE: **Slimicide C-68**  
**EPA Reg. No. 3876-143**  
**Your Notification Dated 6/5/2001**

The notification referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, to add "Non-Food Contact Process Water Systems" to the following existing heading, "Industrial Recirculating Cooling Water", and to add the phrase "...and non-woven textile process water" to the use directions in this section, is acceptable under the following conditions.

1. By approval of this notification we are approving **only** the non-woven textile process water use, not the hundreds of uses possible under a "Non-Food Contact Process Water Systems" general heading. Therefore, you must change the section heading to reflect this **limited approval**. You could state for example, "Industrial Recirculating Cooling Water and Non-Food Contact Process Water Related to Non-Woven Textile Processing".
2. We note that the submitted labels lack an EPA Establishment Number. This number must be printed on your labels.

Your notification has been made a part of the permanent records for this file.

If you have any questions about the comments in this letter, please feel free to contact Tony Kish at 703-308-9443, or myself at 703-308-6341.

Sincerely,



Marshall Swindell,  
Product Manager Team 33,  
Regulatory Management Branch I  
Antimicrobials Division (7510C)

CONCURRENCES

SYMBOL	SURNAME	DATE						

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number EPA Reg. No. 3876-143	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> Nonreg. <input type="checkbox"/> Restricted
4. Company/Product (Name) SLIMICIDE C-68	PM# 33	
5. Name and Address of Applicant (Include ZIP Code) BetzDearborn Division, Hercules Incorporated 4636 Somerton Road, Trevoese, PA 19053  <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 checked="" 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.)

Addition of Indoor, non-food use.  
This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46 and no other changes has been made to the labeling or the CSF of this product. I understand that it is a violation of 18 U.S.C. Sec. 101 to willfully make a false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 153.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Section 12 and 14 of FIFRA.

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
If "Yes" Unit Packaging wgt. No. per container		If "Yes" Package wgt. No. per container		<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				Other (Specify) _____	
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"/>	
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 Kevin C. Manning	Title Manager, Biocide Registration	Telephone No. (Include Area Code) 215 953-5588
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<p><b>Certification</b></p> <p>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.</p>			<p>6. Date Application Received (Stamped)</p>
2. Signature 	3. Title Manager, Biocide Registration		
4. Typed Name Kevin C. Manning	5. Date 6/5/00		



Lot Number:  
Material ID: 6007994

Net Weight: Lbs.

Packaging Date:

Wash:

Made in USA

HEALTH	3
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	D

# SLIMICIDE C-68

INDUSTRIAL BIOCIDES FOR USE IN RECIRCULATING WATER COOLING TOWERS AND AIR WASHER SYSTEMS

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

## DANGER

CORROSIVE. CAUSES EYE DAMAGE AND SKIN BURNS. THIS PRODUCT MAY CAUSE SKIN SENSITIZATION REACTIONS IN SOME PEOPLE. MAY BE HARMFUL IF INHALED. MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH SKIN. Do not take internally. Do not get into eyes, on skin, or on clothing. Do not inhale vapor or mist. Use with adequate ventilation.

Wear long-sleeve shirt, long pants, shoes with socks and chemical resistant apron. Wear rubber gloves, goggles and face shield when handling. Avoid contamination of food. Immediately remove and wash contaminated clothing before reuse. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

### ENVIRONMENTAL HAZARDS

This chemical is toxic to terrestrial and aquatic plants, fish and aquatic invertebrates. 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 local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Apply this pesticide only as specified on this label.

### PHYSICAL OR CHEMICAL HAZARDS

This product is corrosive to mild steel.

### FIRST AID

In case of contact with skin, wash immediately with plenty of soap and water. Immediately contact physician.  
In case of contact with eyes, flush promptly and thoroughly with clear water for 15 minutes. Immediately contact physician.  
In case of inhalation, remove immediately to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Immediately contact physician.  
In case of ingestion, do NOT induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution or large quantities of water. Avoid alcohol. Immediately contact physician. Never give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

ACTIVE INGREDIENTS:  
5-Chloro-2-methyl-4-isothiazolin-3-one ..... 1.11%  
2-Methyl-4-isothiazolin-3-one ..... 0.39%  
INERT INGREDIENTS: ..... 98.50%  
TOTAL ..... 100.00%

CONTENTS: LIQUID  
POUNDS PER GALLON: 8.6 (70°F)

EPA REGISTRATION NUMBER: 3876-143

EPA ESTABLISHMENT NUMBER:

For Industrial Use. Technical advice regarding specific site problems is available from BetzDearborn, a Division of Hercules Incorporated.

A Material Safety Data Sheet containing more detailed information relative to this product is available upon request.

For product use see Panel 2.

KEEP OUT OF REACH OF CHILDREN  
**DANGER**

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

Do not apply this product in a way that will contact workers or other persons.

## STORAGE AND DISPOSAL

This product is corrosive to mild steel. Do not store or transport in unlined metal containers.  
STORAGE: Keep container tightly closed. Protect from freezing. Store in a dry place. Do not store at elevated temperatures.  
PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous and/or toxic. 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.  
CONTAINER DISPOSAL:  
METAL & PLASTIC CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate or burn, if allowed by state and local authorities. If burned, stay out of smoke.  
FIBER DRUMS WITH LINERS: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner and drum in a sanitary landfill or incinerate if allowed by state and local authorities. Do not reuse empty drum or liner.

BetzDearborn, a Division of Hercules Incorporated, 4636 Somerton Road, Trevose, PA, 19053  
Business Phone: 215-355-3300 • Emergency Phone: 800-877-1940

h/c



**BetzDearborn**

Made in USA

GEN 0106 - 6/5/01

HEALTH	3
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	D

# SLIMICIDE C-68

INDUSTRIAL BIOCIDES FOR USE IN RECIRCULATING WATER COOLING TOWERS AND AIR WASHER SYSTEMS

**DIRECTIONS FOR USE:** It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons.

### INDUSTRIAL RECIRCULATING COOLING WATER AND NON-FOOD CONTACT PROCESS WATER SYSTEMS

This product aids in the control of bacteria, algae and fungi in evaporative condensers, heat exchange water systems, commercial and industrial cooling towers, industrial water scrubbing systems, brewery pasteurizers and non woven textile process water. Add this product to the lower basin, distribution box or some other point to insure uniform mixing. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

**INITIAL DOSE:** When the system is noticeably fouled, apply this product at the rate of 1.26 to 7.46 pounds (19 to 113 fluid ounces or 148 to 883 ppm) per 1000 gallons of water in the system. Repeat until control is achieved. **SUBSEQUENT DOSE:** When microbial control is evident, add this product at the rate of 0.3 to 1.86 pounds (4.5 to 28 fluid ounces or 35 to 219 ppm) per 1000 gallons of water in the system weekly or as needed to maintain control.

### AIR WASHER SYSTEMS

For use only in industrial air washing systems that maintain effective mist eliminating components. To control bacteria, fungi and algae which cause fouling in industrial air washer systems, add this product to the air washer sump or chill water sump to insure uniform mixing, at the rate of 0.3 to 7.46 pounds (4.5 to 113 fluid ounces or 35 to 883 ppm) per 1000 gallons of water in the system depending upon the severity of contamination. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

**INTERMITTENT OR SLUG METHOD - INITIAL DOSE:** When the system is noticeably fouled, apply this product at the rate of 1.26 to 7.46 pounds (19 to 113 fluid ounces or 148 to 883 ppm) per 1000 gallons of water in the system. Repeat until control is achieved. **SUBSEQUENT DOSE:** When microbial control is evident, add this product at the rate of 0.3 to 1.86 pounds (4.5 to 28 fluid ounces or 35 to 219 ppm) per 1000 gallons of water in the system weekly or as needed to maintain control.

**CONTINUOUS FEED METHOD - INITIAL DOSE:** When the system is noticeably fouled, apply this product at the rate of 1.26 to 7.46 pounds (19 to 113 fluid ounces or 148 to 883 ppm) per 1000 gallons of water in the system. **SUBSEQUENT DOSE:** Maintain this treatment level by adding a continuous feed of this product at the rate of 0.3 to 1.86 pounds (4.5 to 28 fluid ounces or 35 to 219 ppm) per 1000 gallons of blowdown (or water loss) from the system.

### METAL - WORKING FLUIDS

This product is recommended for the control of bacteria and fungi in soluble and emulsifiable-type aqueous metal-working fluids, such as emulsified petroleum oils, and formulations containing alcoholic fatty acid, sulfonated red oil or naphthalene sulfonate. These fluids are usually prepared by diluting the product concentrates 1:40 to 1:60 with water.

For the maintenance of a non-fouled system, use this product at 32 fluid ounces per 1000 gallons of emulsion (2 pounds) every 4 weeks or 32 to 154 fluid ounces per 1000 gallons of emulsion (2 to 10 pounds) every 8 to 12 weeks. For a noticeably fouled system, use an initial dose of 64 to 154 fluid ounces per 1000 gallons emulsion (4 to 10 pounds) to be followed by subsequent maintenance dosages depending upon the treatment interval noted above. A higher dosage range and/or increased frequency of treatment may be required depending upon the rate of dilution of the preservative with makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.

The preservative should be dispensed into the use-dilution of the metal-working fluid using a metering pump.

### HYDRAULIC FLUIDS

This product is recommended as a preservative for use in the manufacture and use of high water-based hydraulic fluids and invert emulsion hydraulic fluids typically prepared by emulsifying 40% by volume of water in 60% by volume of mineral oil using an oil-soluble emulsifying agent.

For the maintenance of a non-fouled system, use this product at 110 to 135 fluid ounces (7.2 to 8.8 pounds) per 1000 gallons fluid every 8 weeks. For a noticeably fouled system, use an initial dose of 135 to 235 fluid ounces (8.8 to 15.4 pounds) per 1000 gallons fluid to be followed by subsequent maintenance dosages. A higher dosage range and/or increased frequency of treatment may be required depending upon the rate of dilution of the preservative with makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.

The preservative should be dispensed into the use-dilution of the hydraulic fluid using a metering pump and uniformly dispersed throughout the system.

### NON-POTABLE REVERSE OSMOSIS SYSTEMS

This product is recommended for the control of bacteria and fungi in non-potable reverse osmosis systems. Use of this product in potable water or dialysis is prohibited. Add 10 to 333 ppm of this product (0.15 to 5 ppm active ingredient) into reverse osmosis systems by either continuous feed or periodic injection. Compatibility of this product with reverse osmosis membranes should be confirmed with membrane manufacturers.

For the control of bacteria and fungi in carbon beds, add 10 to 333 ppm of this product (0.15 to 5 ppm active ingredient) by either continuous or batch feed. For periodic membrane cleaning, add 0.4 to 1.0 pound of this product to every 120 gallons of cleaning solution (6 to 15 ppm active ingredient). Badly fouled systems should be cleaned before treatment is begun.

### PHOTOPROCESSING SYSTEMS

Start with a clean system. Water recycling: Use 2.1 to 4.2 pounds (32 to 64 fluid ounces) of this product per 1,000 gallons capacity of water in the system. Add to final rinse or used water collection tank by slug dose once weekly or as needed.

**ONCE-THROUGH:** Use 26 pounds (3 gallons) of product per 1,000 gallons capacity of water in the system, single application start-up dosage added to the wash tanks. Thereafter, add this product each operating day for one hour using a chemical proportioning pump at a dosage of 2 to 3 pounds per hour (32 to 48 fluid ounces) to wash tanks per 1,000 gallons of water used. Increase to two hours per day if needed.

The user is advised that he must maintain a level of discharge into the publicly-owned treatment works which is in compliance with the recommended guidelines for the photographic processing industry. Contact your Regional EPA Office for guidance.

Lot Number: \_\_\_\_\_ Material ID: 6007994 Packaging Date: \_\_\_\_\_ Net Weight: \_\_\_\_\_ Lbs.

BetzDearborn, a Division of Arcules Incorporated, 4636 Somerston Road, Treviso, PA, 19053  
Business Phone: 215-355-3300 • Emergency Phone: 800-877-1940

Handwritten mark: F/14