

NOTIFICATION

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
220849

Application for Pesticide - Section I

1. Company/Product Number 707-133	2. EPA Product Manager Mr. Marion Johnson	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Kathon® WT 1.5% Industrial Microbicide	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) Rohm and Haas Company 100 Independence Mall West Philadelphia, PA 19106 <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.)

NOTIFICATION - Revised Effluent Discharge Labeling Statement per 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
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	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	
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 Ronald L. Derbyshire	Title Biocides Regulatory Specialist	Telephone No. (Include Area Code) 215-592-2385
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 both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Biocides Regulatory Specialist	Date Application Received (Stamped) _____ 1995
4. Typed Name Ronald L. Derbyshire	5. Date 7/20/95	

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

DANGER

CORROSIVE

CAUSES EYE DAMAGE AND SKIN BURNS

MAY CAUSE ALLERGIC SKIN REACTION

HARMFUL IF INHALED

HARMFUL IF SWALLOWED

Do not get in eyes, on skin, or 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. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on this label.

CONDITIONS OF SALE AND WARRANTY

Rohm and Haas warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. **ROHM AND HAAS MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE.** Handling, storage and use of the product by Buyer or User are beyond the control of Rohm and Haas and Seller. Risks such as ineffectiveness or other unintended consequences resulting from, but not limited to, failure to follow label directions will be assumed by the Buyer or User. **IN NO CASE WILL ROHM AND HAAS OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.**

MANUFACTURED IN ENGLAND BY:



100 INDEPENDENCE MALL WEST
PHILADELPHIA, PA 19106-2399
TELEPHONE NO. (215) 592-3000

KATHON® WT 1.5

**INDUSTRIAL MICROBICIDE FOR USE
RECIRCULATING WATER COOLING TOWER
AIR WASHER SYSTEMS, OIL FIELD
INJECTION WATERS, WOOD MILDWATER
CONTROL, PAPERMILL SLIME CONTROL
RECIRCULATING CLOSED LOOP WATER
COOLING SYSTEMS, BREWERY PASTEURIZATION
AND CAN WARMER SYSTEMS**

ACTIVE INGREDIENTS:

5-Chloro-2-methyl-4-isothiazolin-3-one 99.0

2-Methyl-4-isothiazolin-3-one 0.0

INERT INGREDIENTS 99.0

TOTAL 100.0

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Drink promptly a large quantity of egg whites, if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

IF INHALED: Remove immediately to fresh air. If not breathing, apply artificial respiration. If breathing, give oxygen. Call a physician.

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

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.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA Est. No. 707-EN-1

EPA Reg. No. 707-133

NET CONTENTS _____

DIRECTIONS FOR USE

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 Kathon WT 1.5% microbicide 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 Kathon WT 1.5% microbicide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of Kathon WT 1.5% per 1,000 gallons of water in the system). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 35 to 219 ppm Kathon WT 1.5% microbicide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of Kathon WT 1.5% per 1,000 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 Kathon WT 1.5% microbicide (0.3 to 7.46 pounds or 4.5 to 113 fluid ounces of Kathon WT 1.5% per 1,000 gallons of water in the system) depending upon the severity of contamination to control bacteria, fungi and algae which cause fouling in industrial air washer system.

INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When the system is noticeably fouled, apply 148 to 883 ppm Kathon WT 1.5% microbicide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of Kathon WT 1.5% per 1,000 gallons of water in the system). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 35 to 219 ppm Kathon WT 1.5% microbicide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of Kathon WT 1.5% per 1,000 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 148 to 883 ppm Kathon WT 1.5% microbicide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of Kathon WT 1.5% per 1,000 gallons of water in the system).

SUBSEQUENT DOSE: Maintain this treatment level by adding a continuous feed of 35 to 219 ppm Kathon WT 1.5% microbicide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of Kathon WT 1.5% per 1,000 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 eliminating components.

OIL FIELD INJECTION WATERS

For the control of slime-forming and sulfate-reducing bacteria in oil and gas field water systems including enhanced recovery injection fluids, drilling, fracturing and completion fluids, slug treat with 67-332 ppm Kathon WT 1.5% microbicide depending on the contamination.

INITIAL DOSE: Add 166-332 ppm Kathon WT 1.5% microbicide (6.9-13.9 gallons or 58.0-116.8 Kathon WT 1.5% per 1,000 barrels of water) at a point in the system where it will be uniformly mixed. Repeat treatment after three days or as needed until control is achieved.

SUBSEQUENT DOSE: Add 67-166 ppm Kathon WT 1.5% microbicide (2.8-6.9 gallons or 2.5-5.8 lbs. Kathon WT 1.5% per 1,000 barrels of water) every seven days or as needed to maintain control.

WOOD AND WOOD PRODUCTS

Kathon WT 1.5% microbicide is recommended for the protection of wood and wood products such as landscape timbers, fences, posts, pilings, crossties, decks and similar exterior structures from mold and mildew. Treat southern yellow pine, hemlock, ponderosa pine and other soft woods with 148 to 1,000 ppm Kathon WT 1.5% (1.26 to 8.4 pounds or 13 to 128 fluid ounces (1 gallon) of Kathon WT 1.5% per 1,000 gallons) as an aqueous dip or pressure treatment for mold and mildew control. Thoroughly wet and allow to dry. A single application will afford protection for 12 weeks.

PAPERMILLS

Kathon WT 1.5% microbicide is recommended for the control of bacterial and fungal slime in the production of paper.

POINT OF ADDITION: Kathon WT 1.5% microbicide should be added to a point in the system to insure uniform mixing such as the Beater, Hydropulper, or Fan or Broke Storage Pumps.

DOSAGE: Apply 0.44 to 1.5 lbs. (7 to 23 fluid ounces) of Kathon WT 1.5% microbicide per ton (dry basis) of pulp or paper produced as a slug dose. If needed repeat daily. Badly fouled systems should be cleaned before initial treatment.

INDUSTRIAL RECIRCULATING CLOSED LOOP WATER COOLING SYSTEMS

For the control of bacterial, algae and fungi, add Kathon WT 1.5% microbicide to the reservoir, recirculating line or some other point in the system to insure uniform mixing.

INITIAL DOSE: When the system is noticeably fouled, apply 148 to 883 ppm Kathon WT 1.5% microbicide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of Kathon WT 1.5% per 1,000 gallons of water in the system). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 35 to 219 ppm Kathon WT 1.5% microbicide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of Kathon WT 1.5% per 1,000 gallons of water in the system) weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

BREWERY PASTEURIZERS AND CAN WARMERS

For the control of bacteria, algae and fungi in brewery pasteurizer and can warmer systems, add Kathon WT 1.5% microbicide at a point in the system to insure uniform mixing.

INITIAL DOSE: When the system is noticeably fouled, apply 148 to 883 ppm Kathon WT 1.5% microbicide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of Kathon WT 1.5% per 1,000 gallons of water in the system). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 35 to 219 ppm Kathon WT 1.5% microbicide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of Kathon WT 1.5% per 1,000 gallons of water in the system) weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

Kathon WT 1.5% microbicide weighs 8.4 lbs. per gallon.

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, or disposal or cleaning of equipment.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or misale 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 approved 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 by 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.