

PM

33

707-134

12/9/99

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEC 9 1999

Rohm and Haas Company
100 Independence Hall West
Philadelphia, PA. 19106-2399

Subject: Rathon 886 MW 1.5% Industrial Microbicide
EPA Registration No. 707-134
Notification Per PR-Notice 98-10
Your Notification Dated November 3, 1999

This will acknowledge receipt of your notification to add an indoor, nonfood site submitted under the provisions of FIFRA section 3(c)9. Based on a review of the submitted material, the following comments apply.

The application is acceptable and the notification has been made a part of the records for this file.

Sincerely,



Marshall Swindell
Notification Coordinator
Regulatory Management Branch I
Antimicrobials Division (7510C)

CONCURRENCES

SYMBOL							
SURNAME							
DATE							



United States
Environmental Protection Agency
Washington, DC 20460

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

OPP Identifier Number
259579

Application for Pesticide - Section I

1. Company/Product Number 707-134	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Kathon 886 MW 1.5% Industrial Microbicide	PM# 33	
5. Name and Address of Applicant (Include ZIP Code) Rohm and Haas Company 100 Independence Mall West Philadelphia, PA 19106-2399 <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 of addition of an indoor, nonfood site for an antimicrobial product per PR Notice 98-10

Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
<i>Certification must be submitted</i>		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1 pt, 1 qt, 1.5, 30, 55, 300, 5000 gallon	5. Location of Label Directions <input checked="" type="checkbox"/> On Label
6. Manner in Which Label is Affixed to Product		<input checked="" type="checkbox"/> Lithograph Paper glued 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 Lynne Morgan Hall	Title Regulatory Specialist, CIS	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 or both under applicable law.

2. Signature 	3. Title Regulatory Specialist, CIS	6. Date Application Received (Stamped)
4. Typed Name Lynne Morgan Hall	5. Date 11/3/99	

KATHON[®] 886 MW 1.5%

Made in USA

Avg. Gross: LB KG
Net: LB KG
Avg. Tare: LB KG

Industrial Microbicide for use in Metalworking and Hydraulic Fluids
Polymer Latices, Adhesives, Paints, Tackifiers, Dispersed Pigments,
Building Materials, Metal Cleaning Fluids, and Photoprocessing Systems



100 INDEPENDENCE MALL WEST
PHILADELPHIA, PA 19108
TELEPHONE: (215) 592-3000

Lot
Number
()

ACTIVE INGREDIENTS:

5-Chloro-2-methyl-4-isothiazolin-3-one 1.11%
2-Methyl-4-isothiazolin-3-one 0.39%

INERT INGREDIENTS:

98.5%
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 milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

IF ON SKIN: Wash thoroughly with soap and water. Remove and wash contaminated clothing before re-use.

IF IN EYES: Flush with plenty of water for at least 15 minutes. Call a physician.

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

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against respiratory shock, respiratory depression, and convulsions may be necessary.

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

CONDITIONS OF SALE AND WARRANTY

Rohm and Haas warrants that this 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 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.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

CORROSIVE

CAUSES EYE DAMAGE AND SKIN BURNS

MAY CAUSE ALLERGIC SKIN REACTION

MAY BE HARMFUL IF INHALED

MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH THE SKIN

Do not get in eyes, on skin, or 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 product 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 local 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.

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DIRECTIONS FOR USE

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

TALWORKING FLUIDS

Kathon 886 MW 1.5% microbicide is recommended for the control of bacteria and fungi in soluble and emulsifiable-type aqueous metalworking fluids.

For the maintenance of a non-fouled system, use Kathon 886 MW 1.5% microbicide at 32 fluid ounce per 1000 gallon of emulsion (2 pound) every 4 weeks or 32-154 fluid ounce per 1000 gallon emulsion (2-10 pound) every 8-12 weeks.

For a noticeably fouled system, use an initial dose of 64-154 fluid ounce per 1000 gallon emulsion (4-10 pound) 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 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 metalworking fluid using a metering pump and uniformly dispersed throughout the system.

HYDRAULIC FLUIDS

Kathon 886 MW 1.5% microbicide 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 water in 60% by volume of mineral oil using an oil-soluble emulsifying agent.

For the maintenance of a non-fouled system, use Kathon 886 MW 1.5% microbicide at 110-135 fluid ounce (7.2-8.8 pound) per 1000 gallon fluid every 8 weeks.

For a noticeably fouled system, use an initial dose of 135-235 fluid ounce (8.8-15.4 pound) per 1000 gallon fluid to be followed by subsequent maintenance dosage.

A higher dosage range and/or increased frequency of treatment may be required depending upon 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.

POLYMER LATEX PRESERVATION

Kathon 886 MW 1.5% microbicide is recommended for the control of bacteria and fungi in the manufacture and storage of synthetic and natural polymer latices including: acrylic, styrene/butadiene, carboxylated styrene/butadiene, ethylene/vinyl acetate; biopolymers intended for industrial use, such as a xanthum gum, gum arabic, guar gum, protein-derived polymers, starches, casein-derived polymers, latices; and solution polymers. Add 0.43-3.3 pound of Kathon 886 MW 1.5% (195 gram-1.5 kilogram) to each 1000 pound (453 kilogram) of emulsion to provide 425-3350 ppm product (6.25-50 ppm active isothiazolones).

NOTE: To insure uniform mixing, add Kathon 886 MW 1.5% to latex or solutions slowly with agitation. The actual required concentrations will depend upon such factors as the specific substance to be treated, frequency of repeated microbial contamination expected, and level of production required.

ADHESIVE AND TACKIFIER PRESERVATION

Kathon 886 MW 1.5% microbicide is recommended as an in-container preservative for the control of bacteria and fungi in water-soluble and water-dispersed adhesives such as animal glues, vegetable glues, natural rubber latices, polyvinyl acetate, styrene butadiene and acrylic latices. Kathon 886 MW 1.5% is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins. Add 0.43-1.65 pound of Kathon 886 MW 1.5% (195-750 gram) to each 1000 pound (453 kilogram) of fluid to provide 425-1675 ppm (6.25-25 ppm active isothiazolones).

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PAINT AND COATING PRESERVATION

Kathon 886 MW 1.5% microbicide is recommended as an in-container preservative for the control of bacteria and fungi in water-based coatings such as paper and wood coatings and paints used for architectural product finishes, and special-purpose coatings. Add 0.43-1.65 pound of Kathon 886 MW 1.5% (195-750 gram) to each 1000 pound (453 kilogram) of fluid to provide 425-1675 ppm product (6.25-25 ppm active isothiazolones).

BUILDING MATERIAL PRESERVATION

Kathon 886 MW 1.5% microbicide is recommended as an in-container preservative for the control of bacteria and fungi in building materials such as mastics, caulks, joint cements, spackling, and grouting. Add 0.43-1.65 pound of Kathon 886 MW 1.5% microbicide (195-750 gram) to each 1000 pound (453 kilogram) of fluid to provide 425-1675 ppm product (6.25 to 25 ppm active isothiazolones).

DISPERSED PIGMENT PRESERVATION

Kathon 886 MW 1.5% microbicide is recommended for the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as kaolin and montmorillite clays, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate, and kieselguhr used in paint and paper productions. Add 0.43-1.65 pound of Kathon 886 MW 1.5% (195-750 gram) to each 1000 pound (453 kilogram) of fluid to provide 425-1675 ppm product (6.25-25 ppm active isothiazolones).

METAL CLEANING FLUID PRESERVATION

Kathon 886 MW 1.5% microbicide is recommended as a preservative for use in the manufacture and use of alkaline, acid and emulsion-based metal cleaning fluids typically used in electroplating, phosphatizing, galvanizing, and general metal cleaning operations. For addition to a metal cleaning concentrate, add Kathon 886 MW 1.5% at a level to ensure that the final use-dilution fluid will contain 425-1675 ppm product (6.25-25 ppm active isothiazolones). For direct addition to a fouled system, add 54-214 fluid ounce (3.6-14.1 pound) of Kathon 886 MW 1.5% to each 1000 gallon of use-dilution metal cleaning fluid every 3-4 weeks to provide 425-1675 ppm product (6.25-25 ppm active isothiazolones). A higher dosage range and/or increased frequency of treatment may be required depending upon rate of dilution of the preservative with make-up 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 metal cleaning fluid using a metering pump and uniformly dispersed throughout the system.

COMMERCIAL PHOTOPROCESSING SYSTEM PRESERVATION

Kathon 886 MW 1.5% microbicide is recommended to prevent slime formation or accumulation in filters and ion exchange resin tanks of commercial photoprocessing systems. For the maintenance of a non-fouled system, use Kathon 886 MW 1.5% at 32-64 fluid ounce (2.1-4.2 pound) per 1000 gallon water in the system once weekly, or as needed, to maintain control of slime. For a noticeably fouled system, use an initial dose of 64-154 fluid ounce (4.2-10.1 pound) per 1000 gallon water to be followed by subsequent maintenance dosage. A high dosage range and/or increased frequency of treatment may be required depending upon rate of dilution of 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 final rinse or used water collection tank.

Kathon 886 MW 1.5% microbicide weighs 8.4 pound/gallon.

Product
Code

Label
Number
886MWEPA

**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 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.

Date of Manufacture: location for date
EPA Reg. No. 707-134
EPA Est. No: establishment number.