

7/21 1707-121

10/2

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
220842

Application for Pesticide - Section I

1. Company/Product Number 707-134	2. EPA Product Manager Mr. Marion Johnson	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Kathon® 886 MW 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 <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 Ronald L. Derbyshire	Title Biocides Regulatory Specialist	Telephone No. (Include Area Code) 215-592-7385
2. Signature 		6. Date Application Received (Stamped) 1993
3. Title Biocides Regulatory Specialist		
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

MAY BE HARMFUL IF INHALED

**MAY BE FATAL IF SWALLOWED OR ABSORBED
THROUGH THE SKIN**

Do not get in eyes, on skin, 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 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®
886 MW 1.5**

INDUSTRIAL MICROBICIDE FOR USE IN METALWORKING FLUIDS,
METAL CLEANING FLUIDS, HYDRAULIC FLUIDS, PHOTOPROTECTANT
SYSTEMS, DISPERSED PIGMENTS, ADHESIVES, TACKIFIERS,
BUILDING MATERIALS AND POLYMER LATICES

ACTIVE INGREDIENTS:

5-Chloro-2-methyl-4-isothiazolin-3-one.....1.0
2-Methyl-4-isothiazolin-3-one.....0.0

INERT INGREDIENTS98.0

TOTAL100.0

**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 solution, or if these are not available, drink large quantities of water. Avoid alcohol. Seek medical attention immediately.

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

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 physician.

NOTE TO PHYSICIAN:

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against shock, respiratory depression, and convulsions may be needed.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.
U.S. PATENT 4,279,762.

EPA Est. No. 707-EN-1
EPA Reg. No. 707-134

NET CONTENTS _____

DIRECTIONS FOR USE

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

METALWORKING FLUID PRESERVATION

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 nonfouled system, use Kathon 886 MW 1.5% microbicide at 32 fluid ounces per 1000 gallons of emulsion (2 lbs.) every 4 weeks or 32-154 fluid ounces per 1000 gallons of emulsion (2-10 lbs.) every 8-12 weeks. For a noticeably fouled system use an initial dose of 64-154 fluid ounces per 1000 gallons of emulsion (4-10 lbs.) 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 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 of the metalworking fluid using a metering pump and uniformly dispersed throughout the system.

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% microbicide at a level to ensure that the final use-dilution fluid will contain 425 to 1,675 ppm product (6.25 to 25 ppm active isothiazolones).

For direct addition to a fouled system, add 54-214 fl. oz. (3.6-14.1 lbs.) of Kathon 886 MW 1.5% microbicide to each 1,000 gallons of use-dilution metal cleaning fluid every 3 to 4 weeks to provide 425 to 1,675 ppm product (6.25 to 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 the make up fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.

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

WATER-BASED HYDRAULIC FLUID PRESERVATION

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 systems in the mining, primary steel, motor vehicle production, machinery production, construction industry, etc., use Kathon 886 MW 1.5% microbicide at 110-135 fluid ounces (7.2-8.8 lbs.) per 1000 gallons of fluid every 8 weeks. For a noticeably fouled system use an initial dose of 135-235 fluid ounces (8.8-15.4 lbs.) per 1,000 gallons 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 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 of the metalworking 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% microbicide at 32-64 fluid ounces (2.1 to 4.2 lbs.) per 1,000 gallons of 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 ounces (4.2 lbs. to 10.1 lbs.) per 1,000 gallons water 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 preservative with the 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 final rinse or used water collection tank.

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 clay, montmorillonite clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate, and kieselguhr used in paint and paper productions.

Add 0.43-1.65 lbs. of Kathon 886 MW 1.5% microbicide (195-750 g) to each 1,000 lbs. (453 Kg) of fluid to provide 425 to 1,675 ppm product (6.25 to 25 ppm active isothiazolones).

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% microbicide is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins.

Add 0.43-1.65 lbs. of Kathon 886 MW 1.5% microbicide (195-750 g) to each 1,000 lbs. (453 Kg) of fluid to provide 425 to 1,675 ppm product (6.25 to 25 ppm active isothiazolones).

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 lbs. of Kathon 886 MW 1.5% microbicide (195-750 g) to each 1,000 lbs. (453 Kg) of fluid to provide 425 to 1,675 ppm product (6.25 to 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 lbs. of Kathon 886 MW 1.5% microbicide (195-750 g) to each 1,000 lbs. (453 Kg) of fluid to provide 425 to 1,675 ppm product (6.25 to 25 ppm active isothiazolones).

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; and biopolymers intended for industrial use, such as xanthum gum, gum arabic, guar gum, protein derived polymers, starches, and casein derived polymers.

Add 0.43-3.3 lbs. of Kathon 886 MW 1.5% microbicide (195 g-1.5 Kg) to each 1,000 lbs. (453 Kg) of fluid to provide 425 to 3,350 ppm product (6.25 to 50 ppm active isothiazolones).

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

Kathon 886 MW 1.5% microbicide weighs 8.4 pounds 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, disposal, or cleaning of equipment.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or waste 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 incinerator, 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.