

707-134

11/16/2004

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

1/3

NOV 16 2004

Rohm and Haas Company
727 Norristown Road, CIS, Bldg. 4B
Spring House, PA 19477

Attention: Valerie T. Phillip
Regulatory Specialist

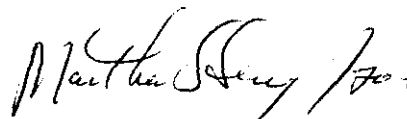
Subject: Kathon 886 MW 1.5% Industrial Microbicide
EPA Registration No. 707-134
Notification Dated October 22, 2004

This will acknowledge receipt of your notification to add a "dosing table" to cover dosing instructions" under the Directions for Use, submitted under the provisions of FIFRA Section 3(c)(9). Based on a review of the submitted material, the following comments apply.

The Notification is in compliance with PR Notice 98-10 and is acceptable. This information has been added to your file.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely



Marshall Swindell
Product Manager (33)
Regulatory Management Branch 1
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
--	---	--	-------------------------------

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 727 Norristown Road, CIS Dept, Bldg. 4B Sprong House, PA 19477 <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 PER PR NOTICE 98-10

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
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			<input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt No. per container		
3. Location of Net Contents Information		4. Size(s) Retail Container		5. Location of Label Directions	
<input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		1PT,1QT,1,5,30,55,300,5000 GALLONS		<input checked="" type="checkbox"/> ON LABEL	
6. Manner in Which Label is Affixed to Product			<input checked="" 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 Valerie T Phillip	Title Regulatory Specialist	Telephone No. (Include Area Code) 215-641-7696
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 Regulatory Specialist	
4. Typed Name Valerie T. Phillip	5. Date Oct. 22, 2004	

KATHON[®] 886 MW 1.5%

Made in USA

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

Product Code

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



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
FIRST AID

IF ON SKIN:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 min.
- Call a poison control center or doctor for advice.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 min.
- Remove contact lenses, if present, after first 5 min, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth.
- Call a poison control center or doctor for advice.

IF SWALLOWED:

- Call a poison control center or doctor immediately for advice.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be necessary.
SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS	
DANGER CORROSIVE CAUSES IRREVERSIBLE 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. Mixers, loaders and others exposed to this product must wear: long-sleeved shirt and long pants; chemical resistant gloves such as nitrile or butyl rubber; shoes plus socks; goggles and face shield; and chemical resistant apron. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly. This product may cause skin sensitization reactions in some people.	
ENVIRONMENTAL HAZARDS This product is toxic to 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. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on this label.	

STORAGE AND DISPOSAL PROHIBITIONS Do not contaminate water, food or feed by storage or disposal. Do not contact workers or other persons.
PESTICIDE DISPOSAL Pesticide wastes are acutely hazardous. Improper disposal may lead to adverse effects on humans and the environment. Do not dispose of in drains, ditches or on the ground. Hazardous Waste representative at the nearest authorized collection point.
CONTAINER DISPOSAL METAL CONTAINERS Triple rinse (or equivalent). Then offer for recycling or other disposal as approved by state and local authorities.
PLASTIC CONTAINERS Triple rinse (or equivalent). Then offer for recycling or other disposal as approved by state and local authorities, if allowed by state and local authorities.
GENERAL CONSULT FEDERAL, STATE, OR LOCAL AGENCIES FOR REGULATIONS AND PROCEDURES.
CONDITIONS OF SALE AND WARRANTY Rohm and Haas warrants that this product conforms to the specifications on the label and that it is suitable for use in accordance with label directions and as described in the EXPRESS OR IMPLIED WARRANTIES, EXCEPT WHERE SHOWN OTHERWISE, AND USE OF THE PRODUCT BY BUYER OR USER ARE BEYOND THE SCOPE OF THIS WARRANTY. THE WARRANTY DOES NOT COVER CONSEQUENCES RESULTING FROM, BUT NOT LIMITED TO, MISUSE, IMPROPER APPLICATION, OR USE IN ACCORDANCE WITH LABEL DIRECTIONS. NEITHER ROHM AND HAAS NOR ITS AGENTS OR DISTRIBUTORS SHALL BE LIABLE FOR INDIRECT DAMAGES RESULTING FROM THE USE OF THIS PRODUCT.
Date of Manufacture: location for date EPA Reg. No. 707-134 EPA Est. No. establishment number.

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

Refer to the table at the end of this section for dosing details for these applications.												
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 paint used for architectural product finishes, and special-purpose coatings.												
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.												
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 montmorillonite clays, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate, and kieseguh used in paint and paper productions.												
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.												
<table border="1"> <thead> <tr> <th>lb. of product per 1000 lb. fluid</th> <th>kg of product per 453 kg fluid</th> <th>ppm of product</th> <th>ppm active ingredient</th> </tr> </thead> <tbody> <tr> <td>0.43 lb.</td> <td>195 g</td> <td>425 ppm</td> <td>6.25 ppm</td> </tr> <tr> <td>1.65 lb.</td> <td>750 g</td> <td>1675 ppm</td> <td>25.0 ppm</td> </tr> </tbody> </table>	lb. of product per 1000 lb. fluid	kg of product per 453 kg fluid	ppm of product	ppm active ingredient	0.43 lb.	195 g	425 ppm	6.25 ppm	1.65 lb.	750 g	1675 ppm	25.0 ppm
lb. of product per 1000 lb. fluid	kg of product per 453 kg fluid	ppm of product	ppm active ingredient									
0.43 lb.	195 g	425 ppm	6.25 ppm									
1.65 lb.	750 g	1675 ppm	25.0 ppm									

METALWORKING 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.
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.