

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

Rohm and Haas Company  
727 Norristown Road  
P. O. Box 904  
Spring House, PA 19477

SEP - 2 2010

Attention: Valerie Phillips  
Regulatory Specialist

**Subject: KATHON™ 886 MW 1.5% Industrial Microbicide**  
EPA Registration No. 707-134  
Notification Dated August 12, 2010

This will acknowledge receipt of your notification, submitted under the provisions of FIFRA Section 3(c)(9).

Proposed Notification

- To add Language for "Refillable Containers" per PR Notice 2007-4

General Comments

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,

A handwritten signature in cursive script that reads "M Swindell".

Marshall Swindell  
Product Manager 33  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

 <b>United States</b> <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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**Application for Pesticide - Section I**

<b>1. Company/Product Number</b> Rohm and Haas Co. / 707-134	<b>2. EPA Product Manager</b> Mr. Marshall Swindell	<b>3. Proposed Classification</b> <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
<b>4. Company/Product (Name)</b> Rohm and Haas Co. / KATHON(tm) 886MW 1.5% Industrial Microbicide	<b>PM#</b> 33	
<b>5. Name and Address of Applicant (Include ZIP Code)</b> Rohm and Haas Company 727 Norristown Road, DMC Dept. , Bldg. 4B Spring House, PA 19477  <input type="checkbox"/> Check if this is a new address		<b>6. Expedited Review.</b> 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 checked="" type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

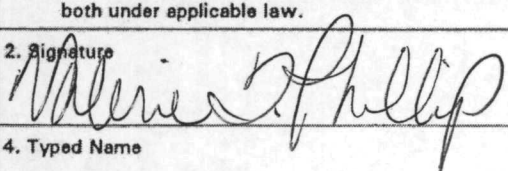
**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Notification to add label language per PR Notice 2007-4

**Section - III**

<b>1. Material This Product Will Be Packaged In:</b>				<b>2. Type of Container</b>	
<b>Child-Resistant Packaging</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Unit Packaging</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Water Soluble Packaging</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	<input type="checkbox"/> Plastic
<b>* Certification must be submitted</b> If "Yes" Unit Packaging wgt.    No. per container		If "Yes" Package wgt    No. per container		<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
<b>3. Location of Net Contents Information</b>		<b>4. Size(s) Retail Container</b>		<b>5. Location of Label Directions</b>	
<input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		1 pt, 1 qt, 1, 5, 30, 55, 200, 300, 5000 gal		<input type="checkbox"/> on label	
<b>6. Manner in Which Label is Affixed to Product</b>				<input type="checkbox"/> Other _____	
<input checked="" type="checkbox"/> Lithograph Paper glued Stenciled					

**Section - IV**

<b>1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)</b>		
<b>Name</b> Valerie T. Phillip	<b>Title</b> Regulatory Specialist	<b>Telephone No. (Include Area Code)</b> 215.641.7696
<b>Certification</b> 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.		<b>6. Date Application Received (Stamped)</b>
<b>2. Signature</b> 	<b>3. Title</b> Regulatory Specialist	
<b>4. Typed Name</b> Valerie T. Phillip	<b>5. Date</b> August 12, 2010	

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ROHM AND HAAS COMPANY INDEPENDENCE MALL WEST PHILADELPHIA, PA 19105, U.S.A.  
TELEPHONE (215) 592-3000  
CABLE ADDRESS: ROHMHAAS TELEX 845-247 TWX 710-670-5335 TELECOPIER (215) 592-3377

A Wholly Owned Subsidiary of The Dow Chemical Company

REPLY TO:  
RESEARCH LABORATORIES  
727 NORRISTOWN ROAD  
SPRING HOUSE, PA 19477  
(215) 641-7000  
(215) CH 2-0400



## NOTIFICATION

August 12, 2010

Document Processing Desk 7502P (E-SUB)  
U.S. EPA – Office of Pesticide Programs  
Room S-4900, One Potamac Yard  
2777 South Crystal Drive  
Arlington, VA 22202-4501  
Attn: Marshall Swindell (PM33)

Subject: KATHON™ 886 MW 1.5% Industrial Microbicide  
EPA Reg. No. 707-134  
Label Amendment per PR- Notice 2007-4

Dear Mr. Swindell,

Please find enclosed an application to amend the label for the Rohm and Haas Company product KATHON™ 886 MW 1.5% Industrial Microbicide (EPA Reg. No. 707-134)

This label was already approved for the update to PR-Notice 2007-4 on 10-1-09.  
The purpose of this notification is to just add the language for “Refillable Containers”.

Administrative items included to support this amendment are as follows:

1. Application form # 8470-1
2. Five (5) paper copies of proposed label

Please contact me with questions regarding this submission.

Sincerely,

Valerie T. Phillip  
Regulatory Specialist  
DMC  
215-641-7696

/enclosures



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# KATHON<sup>TM</sup> 886 MW 1.5%

Industrial Microbicide for use in Metalworking and Hydraulic Fluids Polymer Latices, Adhesives, Paints, Tackifiers, Dispersed Pigments, Building Materials, Metal Cleaning Fluids, Commercial Photoprocessing Systems, Photoplate Processing, Fountain Solutions, Ink and Ink Components



**ACTIVE INGREDIENTS:**

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

**INERT INGREDIENTS:**

	98.5%
<b>Total:</b>	<b>100.0%</b>

## 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 treatment 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 if possible.
- Call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:**

- Call a poison control center or doctor immediately for treatment 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 to an unconscious person.

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

**IN CASE OF EMERGENCY CALL ROHM AND HAAS COMPANY 215-592-3000**

**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 FATAL IF INHALED**

**HARMFUL 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, disposal or cleaning of equipment. Do not apply this product in a way that will contact workers or other persons.

**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**

Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by procedures approved by state and local authorities.

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning of the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean container before final disposal, empty contents into application equipment and triple rinse. Pour or pump rinsate into application equipment or rinsate collection system. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities

**GENERAL**

CONSULT FEDERAL, STATE, OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

**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 and as defined under the Directions for Use on this label. 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. TO THE EXTENT PERMITTED BY LAW, NEITHER ROHM AND HAAS NOR SELLER SHALL BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE, OR USE OF THIS .PRODUCT.

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

ESL:  
Net Weight: LB KG  
Made in

**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, fungi, and microbial biofilms 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 32-148 fluid ounce per 1000 gallon emulsion (2-10 pound) every 8-12 weeks. This corresponds to 250-1,167 ppm Kathon 886 MW 1.5% microbicide (3.84-17.5 ppm active ingredient).  
For a noticeably fouled system, use an initial dose of 64-148 fluid ounce per 1000 gallon emulsion (4-10 pound) to be followed by subsequent maintenance dosages depending upon the treatment interval noted above. This corresponds to 500-1,167 ppm Kathon 886 MW 1.5% microbicide (7.5-17.5 ppm active ingredient).

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. This corresponds to 980-1,200 ppm Kathon 886 MW 1.5% microbicide (15-18 ppm active ingredient). 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. This corresponds to 1,200-2,100 ppm Kathon 886 MW 1.5% microbicide (18-32 ppm active ingredient).

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 ingredient).

**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 microbial biofilm 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 (2-4 pound) per 1000 gallon water in the system once weekly, or as needed, to maintain control of slime. This corresponds to 250-500 ppm Kathon 886 MW 1.5% microbicide (3.8-7.5 ppm active ingredient).

For a noticeably fouled system, use an initial dose of 64-148 fluid ounce (4-10 pound) per 1000 gallon water to be followed by subsequent maintenance dosage. This corresponds to 500-1,167 ppm Kathon 886 MW 1.5% microbicide (3.7- 7.5 ppm active ingredient). The preservative should be dispensed into the final rinse or used water collection tank.

**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 ingredient). 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 ingredient). 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.

**PHOTOPLATE PROCESSING, FOUNTAIN SOLUTIONS, AND INK/INK COMPONENTS**

Kathon 886 MW 1.5% microbicide is recommended for the control of bacteria, fungi, and microbial biofilms in photoplate processing chemicals, fountain solutions, and printing inks and ink components. Kathon 886 MW 1.5% microbicide should be added to achieve 0.1% to 0.3% (15 to 45 ppm active ingredient). Kathon 886 MW 1.5% microbicide should be added to fountain solution concentrates at a level to ensure that the final use-dilution of the product will contain 0.1 - 0.3% Kathon 886 MW 1.5% microbicide (15 - 45 ppm active ingredient). To insure uniform mixing, add Kathon 886 MW 1.5% microbicide to latex or solution 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.

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 paints 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, fungi and microbial biofilms 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 kieselguhr 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.

<u>lb. of product per 1000 lb. fluid</u>	<u>kg of product per 453 kg fluid</u>	<u>ppm of product</u>	<u>ppm active ingredient</u>
0.43 lb.	195 g	425 ppm	6.25 ppm
1.65 lb.	750 g	1675 ppm	25.0 ppm

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