

AUG 04 1985

Rohm and Haas Company  
Independence Mall West  
Philadelphia, PA 19105

Attention: G. R. Ackermann  
Manager, Government Regulatory Affairs

Gentlemen:

Subject: Kathon 886 MW 1.5%  
EPA Registration No. 707-134  
Your Submission of May 23, 1985

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable, provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
  - a. Delete the statement: General Classification.
  - b. Revise the statements:

Do not discharge into lakes, streams, ponds or public waters unless in accordance with an NPDES permit. For guidance, contact your Regional Office of the EPA.

CONCURRENCES								
SYMBOL ▶								
SURNAME ▶								
DATE ▶								

to read:

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. 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.

c. Revise the statement:

Kathon LX

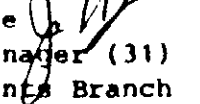
to read:

Kathon 886 MW 1.5%

3. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

John H. Lee   
Product Manager (31)  
Disinfectants Branch  
Registration Division (TS-767C)

Enclosure

RD/FHB-JOB:96157:Lee:RD-26:Kendrick:898-1270:7/12/85:Del.7/24/85:cac  
REVISED:JOB:90948:J.Lee:RD-26:Kendrick & Co:898-1270:7/29/85:Del.8/8/85:Kim

**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 into lakes, streams, ponds or public waters unless in accordance with an NPDES permit. For guidance, contact your 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 this product conforms to its chemical description and is fit for use in accordance with the directions on the label only when used in accordance with label directions. Under normal conditions of use, ROHM AND HAAS MAKES NO WARRANTY OR REPRESENTATION, EITHER EXPRESS OR IMPLIED, AS TO THE MERCHANTABILITY OF THIS PRODUCT OR 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 or unexpected results resulting from but not limited to failure to follow label directions will be assumed by the Buyer. User is to read and follow label directions and to assume all liability for consequential, special or indirect damages resulting from the handling, storage or use of this product.

**KATHON®  
886 MW 1.5%**

**A METALWORKING AND  
HYDRAULIC FLUID MICROBICIDE**

**A POLYMER LATEX  
PRESERVATIVE**

**ACTIVE INGREDIENTS**

5-Chloro-2-methyl-4-isothiazolin-3-one 1.15%  
2-Methyl-4-isothiazolin-3-one 0.35%

**INERT INGREDIENTS**

98.50%  
**TOTAL 100.00%**

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

**NOTE TO PHYSICIAN:**

Probable mucosal damage may contraindicate the use of gastric... Measures against circulatory shock, respiratory depression and convulsions may be needed. SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

MANUFACTURED BY  
ROHM AND HAAS COMPANY  
PHILADELPHIA, PA 19101  
EPA Est. No. 707 PA 1  
EPA Reg. No. 707 134

**NET CONTENTS \_\_\_\_\_ GALLONS**

**DIRECTIONS FOR USE  
GENERAL CLASSIFICATION**

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% is recommended for the control of bacteria and fungi in soluble and emulsifiable type aqueous metalworking fluids, such as emulsified petroleum oils, and formulations containing synthetic fatty acid sulfonated red oil or highphosphate sulfonate. These fluids are usually prepared by diluting the product concentration 1:40 to 1:60 with water.

For the maintenance of a nonlubricated system, use Kathon 886 MW 1.5% at 32 fluid ounces per 1000 gallons of emulsion (2 lbs.) every 6 weeks or 32.154 fluid ounces per 1000 gallons 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 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 fouling 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.

**HYDRAULIC FLUID PRESERVATION**

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

For the maintenance of a nonlubricated system, use Kathon 886 MW 1.5% at 110-135 fluid ounces (7.2-8.8 lbs.) per 1,000 gallons 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 fouling of the preservative with the 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 fluid using a metering pump and uniformly distributed throughout the system.

**POLYMER LATEX**

Kathon 1.1.5% is recommended for the control of bacteria in polymer latexes including acrylic styrene/butadiene, carbonylated styrene/butadiene, ethylene vinyl acetate and polyvinyl acetate emulsions.

Add 43 to 53 lbs. of Kathon 1.1.5% (195 g./1.5 kg) to each 1000 lbs. (453 kg) of emulsion to provide 475 to 5150 ppm product (6.75 to 50 ppm active isothiazolones). Kathon 1.1.5% weighs 8.41 lbs./gal.

To insure uniform mixing, add Kathon 1.1.5% to latex slowly with agitation. The actual concentration required will depend upon such factors as the specific latex, frequency of repeated microbial contamination expected, and level of protection required.

Kathon 886 MW 1.5% weighs 8.4 lbs. per gallon.

**STORAGE AND DISPOSAL  
PROHIBITIONS**

This product is corrosive to 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 residue 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 representatives of 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.



**ROHM  
HAAS**  
PHILADELPHIA, PA 19101



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CALL TO

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