

1/6 VI-127 P10-1  
10-16-85

Rohm and Haas Company  
Independence Mall West  
Philadelphia, PA 19105

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

Gentlemen:

Subject: Kathon 886 MW  
EPA Registration No. 707-129  
Kathon 886 MW 1.5%  
EPA Registration No. 707-134  
Your Submission Dated August 26, 1985

The labeling for the products referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, are acceptable. Stamped copies of the labels for the subject products are enclosed for your records.

Sincerely yours,

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

Enclosure

90653:Lee:RD-85/04;KEMCO:10/9/85;10/22/85:dej

**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 public waters unless this product is specifically identified and addressed in an RFD/ES permit. Do not discharge effluent containing this product into 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 PARTICULAR PURPOSES. Storage and use of the product by Buyer or User are beyond the control of Rohm and Haas and Seller. Risks such as pest resistance or other unanticipated consequences resulting from insect resistance to this or other related pesticides will be assumed by the Buyer and 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.

**KATHON 886 MW**

A METALWORKING AND  
HYDRAULIC FLUID MICROBICIDE  
A POLYMER LATEX PRESERVATIVE

<b>ACTIVE INGREDIENTS:</b>	
5-Chloro-2-methyl-4-isothiazolin-3-one	86%
2-Methyl-4-isothiazolin-3-one	2%
<b>INERT INGREDIENTS:</b>	
	88.8%
<b>TOTAL</b>	<b>100.0%</b>

**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 lavage. 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 19105  
EPA Est. No. 707-PA-1  
EPA Reg. No. 707-129

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

**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 is recommended for the control of bacteria and fungi in soluble and emulsifiable type aqueous metalworking fluids, such as emulsifiable type lubricants, and formulations containing alcohol, fatty acid, sulfonated oil, or naphthylene sulfonate. These fluids are usually prepared by diluting the product concentrates 1:40 to 1:60 with water.

For the maintenance of a nonfoamed system, add 3.5 fluid oz. per 1000 gal. of emulsion (0.3 lbs) or 3.5-16 fluid oz. every 8-12 weeks for a noticeably foamed system use initial dosage range of 7.16 fluid oz. (0.6-1.5 lbs) followed by subsequent maintenance dosages depending upon the treatment level noted above. A higher dosage range and/or increased frequency of treatment may be required depending on 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 dispersed into the use dilution of the metalworking fluid by a metering pump and uniformly dispersed throughout the system.

**HYDRAULIC FLUIDS**

Kathon 886 MW 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 nonfoamed system, use Kathon 886 MW at 17.15 fluid ounces (1.0-1.2 lbs) per 1000 gallons fluid every 8 weeks for a noticeably foamed system, use an initial dose of 15.25 fluid ounces (1.2-2.0 lbs) per 1000 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 makeup 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 of the hydraulic fluid using a metering pump and uniformly dispersed throughout the system.

**POLYMER LATEX**

Kathon 886 MW is recommended for the control of bacteria in polymer latexes including acrylic, butadiene, carboxylated styrene/butadiene/vinyl acetate and polyvinyl acetate emulsions.

Add 0.55 to 4.5 lbs. Kathon 886 MW (25-200,000 lbs. (453 kg) of emulsion to provide 55 product (6.75 to 50 ppm active isothiazolinone). 886 MW weighs 10.4 lbs./gal.

To insure uniform distribution and prevent localized physical reaction or shock to the latex, add 1 part Kathon 886 MW with 9 parts water and dispense into the latex with agitation.

The actual concentration of Kathon 886 MW will depend upon such factors as the species, frequency of repeated microbial contamination, and level of protection required. Kathon 886 MW weighs 10.4 lbs./gal.

**STORAGE AND DISPOSAL**

**PROHIBITIONS**  
The product as supplied evolves gas (largely dioxide) slowly. To prevent buildup of gas, product is packaged in specially vented containers. Keep this product in the original container. Containers must be stored and transported upright position to prevent spilling through the vent. Do not contaminate food storage, disposal or cleaning of equipment.

**PESTICIDE DISPOSAL**  
Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or runoff is a violation of Federal law. If these wastes cannot be disposed of according to label instructions, contact Pesticide or Environmental Control Agency, Hazardous Waste representative at the nearest Regional Office for guidance.

**CONTAINER DISPOSAL**  
**METAL CONTAINERS:** Triple rinse (or equivalent) for recycling or second filling, or for disposal of a sanitary landfill, or by other approved by state and local authorities.

**PLASTIC CONTAINERS:** Triple rinse (or equivalent) for recycling or reconditioning, and dispose of in a sanitary landfill, or by other approved by state and local authorities. If burning, allow out of smoke.

**GENERAL**  
CONSULT FEDERAL, STATE OR LOCAL AUTHORITIES FOR APPROVED ALTERNATE PRODUCTS.

