

SEP 15 1986

Rohm & Haas Company
Independence Mall West
Philadelphia, PA 19108

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

Gentlemen:

Subject: Kathon 886 MW 1.5%
EPA Registration No. 707-134
Your Application Dated October 7, 1985

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 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. References to clearances under the Federal Food, Drug and Cosmetic Act are not permitted; therefore, delete the following statement:

Kathon 886 MW 1.5% when used according to good manufacturing practice conforms to the following Food Additive Regulations: 21 CFR 175.105, 21 CFR 176.170, 21 CFR 176.300.

- b. For consistency, revise the total ingredient percentage (center panel) to read 100.00%.

90809:Lee:L-10:KENCO:9/9/86:9/19/86:dej:VO


CONCURRENCES

SYMBOL ▶								
SURNAME ▶								
DATE ▶								

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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

3/10

CENTER PANEL

KATHON 886 MW 1.5%

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

ACTIVE INGREDIENTS:

5-Chloro-2-methyl-4-isothiazolin-3-one1.15%
2-Methyl-4-isothiazolin-3-one0.35%
INERT INGREDIENTS	98.50%
TOTAL	100.0%

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 whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Call physician 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.

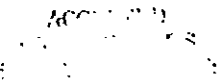
NOTE TO PHYSICIAN:

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against 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. 707-134



SEP 15 1986

Net Contents
Gallons

707-134

7/8

ACCEPTED
WITH COMMENTS
SEP 15 1986

Right Hand Panel

SEP 15 1986

DIRECTIONS FOR USE

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

707-134

Kathon 886 MW 1.5% when used according to good manufacturing practice conforms to the following Food Additive Regulations; 21 CFR 175.105, 21 CFR 176.170, 21 CFR 176.300.

METALWORKING FLUID PRESERVATION

Kathon 886 MW 1.5% 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% at 32 fluid ounces per 1000 gallons of emulsion (2 lbs.) every 4 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 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.

METAL CLEANING FLUID PRESERVATION

Kathon 886 MW 1.5% 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 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% 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 dispensed into the use-dilution metal cleaning fluid using a metering pump and uniformly dispersed throughout the system.

5/6

WATER-BASED 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 40% by volume water in 60% by volume of mineral oil using an oil soluble emulsifying agent.

For the maintenance of non-fouled systems in the mining, primary steel, motor vehicle production, machinery production, construction industry, etc., use Kathon 886 MW 1.5% at 110-135 fluid ounces (7.2-8.8 lbs.) per 1,000 gallons fluid every eight (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 hydraulic fluid using a metering pump.

COMMERCIAL PHOTOPROCESSING SYSTEMS PRESERVATION

Kathon 886 MW 1.5% 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 ounces (2.1 lbs. 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 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 final rinse or used water collection tank.

ACCEPTED
with COMMENTS
by [illegible]

SEP 15 1986

Product of [illegible] Co.,
Strength [illegible] Act
is intended for the purpose
registered under EPA Reg. No.

707-134

DISPERSED PIGMENT PRESERVATION

Kathon 886 MW 1.5% is recommended for the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as kaolin clay, montmorillite 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% (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% 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.

Add 0.43-1.65 lbs. of Kathon 886 MW 1.5% (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 PRESERVATION

Kathon 886 MW 1.5% 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% (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% is recommended as an in-container preservative for the control of bacteria and fungi in building materials such as mastics, calks, joint cements, spackling, and grouting.

Add 0.43-1.65 lbs. of Kathon 886 MW 1.5% (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).

ACCEPTED
with COMMENTS
in EPA Form 100-100

SEP 15 1986

1. This product is a pesticide.
2. It is registered under the Federal Insecticide, Fungicide, and Rodenticide Act.
3. It is labeled for the pest(s) listed on the label.
4. It is registered under EPA Reg. No.

707-134

POLYMER LATEX PRESERVATION

Kathon 886 MW 1.5% 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 xanthan gum, gum arabic, guar gum, protein derived polymers, starches, and casein derived polymers.

Add .43 to 3.3 lbs. of Kathon 886 MW 1.5% (195 g-1.5 Kg) to each 1,000 lbs. (453 Kg) of emulsion 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% 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% 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 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

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 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.

ACCEPTED
 ALL CONTAINERS
 DESTROYED

SEP 15 1980

REGISTERED UNDER EPA REG. NO.

707-134

LEFT PANEL

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 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. 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.

ACCEPTED
 with COMMENTS
 FIELD OFFICE

SEP 15 1986

Product of Rohm and Haas Company
 is registered under the Federal Insecticide, Fungicide, and Rodenticide Act
 as amended, for the pesticide
 registered under EPA Reg. No.

707-134

9868E/25Z