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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AUG 9 1995

Rohm and Haas Company  
100 Independence Mall West  
Philadelphia, PA 19106-2399

Attention: Wendy W. Bingaman

Subject: Kathon 886 F  
EPA Registration No.707-130  
Amendment Dated April 20, 1995

The amendment referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. The revised updated Confidential Statement of Formulas (basic and alternate formulations) is in compliance with PR Notice 91-2 and is acceptable. The updated product labeling are is in compliance with PR Notice 93-10 and is acceptable provided that you comply with the following instructions:

A. Rrevise your use directions to read:

Kathon 886F is recommended for use ONLY in the formulation of end-use industrial microbiocides. Formulators are responsible for obtaining their own EPA registrations and developing the data required to support their registrations. See Kathon 886F industrial micobicide material safety data sheet for chemical and physical properties.

Kathon 886F is designed for formulation into end-use pesticide products which are intended for use as a preservative /microbicide in the final commodity products listed below.

B. Submit five (5) copies of your final printed labeling before you release the product for shipment.

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

Your release for shipment of the product constitutes acceptance of these conditions.

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

Sincerely yours,



Marion Johnson  
Product Manager 31  
Antimicrobial Programs Branch  
Registration Division (7505C)

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
**DANGER**

**CORROSIVE**  
CAUSES SEVERE EYE DAMAGE AND SKIN BURNS  
MAY BE FATAL IF ABSORBED THROUGH THE  
SKIN OR SWALLOWED  
MAY CAUSE ALLERGIC SKIN REACTION  
HARMFUL IF INHALED

This product is a dermal sensitizer. Do not get in eyes, on skin, on clothing. Wear goggles, protective clothing and rubber gloves. Avoid breathing vapor or mist. Keep container closed. Use with adequate ventilation. Do not take internally. Wash thoroughly with soap and water after handling.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and wildlife. 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 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 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 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.

MANUFACTURED IN ENGLAND BY



100 INDEPENDENCE MALL WEST  
PHILADELPHIA, PA 19106-2399  
TELEPHONE (215) 592-3000

**KATHON® 8**  
**INDUSTRIAL MICR**

For Use By Manufacturers Only In Formulating:  
Use In Conveyor Lubricants, Hydraulic Fluids,  
Dispersed Pigments, Metal Cleaning Fluids,  
Tackifiers, Paints and Coatings, Commercial  
Photographic Emulsions, Printing Fluid, Rec  
Systems, Oil Fields Injection Waters, Build  
Water Cooling Towers, Air Washer Systems,  
Water Cooling Systems, Brewery Pasteurizer  
Wood and Wood Products, Papermills and In-

**ACTIVE INGREDIENTS:**

5-Chloro-2-methyl-4-isothiazolin 3-one .....

2-Methyl-4-isothiazolin-3-one .....

**INERT INGREDIENTS** .....

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**

**STATEMENT OF PRACTICAL TREATMENT (First**

**IF IN EYES:** Flush eyes immediately with plenty of water for  
attention if irritation persists.

**IF ON SKIN:** Wash thoroughly with soap and plenty of water  
clothing before reuse. Get medical attention if

**IF INHALED:** Remove person to fresh air. Get medical attention

**IF SWALLOWED:** Wash mouth thoroughly with plenty of water  
Get medical attention immediately. Do not  
unconscious person.

**NOTE**

**TO PHYSICIAN:** Probable mucosal damage may contraindicate  
**SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY**

EPA Est. No. 707-EN-1  
EPA Reg. No. 707-130

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ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

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## DIRECTIONS FOR USE

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

Formulators are responsible for obtaining their own EPA registrations and developing the data required to support their registrations. See Kathon® 886F Industrial microbicide material safety data sheet for chemical and physical properties.

## CONVEYOR LUBRICANT PRESERVATION

Kathon 886F Industrial microbicide is recommended for the control of bacteria and fungi in the manufacture and use of water based conveyor lubricants.

## WATER BASED HYDRAULIC FLUID PRESERVATION

Kathon 886F Industrial microbicide is recommended as a preservative 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.

## FUEL PRESERVATION

Kathon 886F Industrial microbicide is recommended for the control of bacteria and fungi in liquid hydrocarbon fuels such as: aviation fuels, kerosene, heating oils, diesel fuels, and residual fuel oils.

FOR USE IN AVIATION FUEL, THE FEDERAL AVIATION ADMINISTRATION MUST BE CONSULTED AS TO THE ACCEPTABILITY OF THE ADDITIVE FOR USE IN SPECIFIC ENGINES AND/OR AIRCRAFT.

## DISPERSED PIGMENT PRESERVATION

Kathon 886F Industrial microbicide is recommended for the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as kaolin clay, montmorillonite clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate, and kieseguir used in paint and paper productions.

## METAL CLEANING FLUID PRESERVATION

Kathon 886F Industrial microbicide is recommended as a preservative in the manufacture and use of alkaline, acid, and emulsion based metal cleaning fluids and general cleaning operations.

## POLYMER LATEX PRESERVATION

Kathon 886F Industrial 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; and biopolymers intended for industrial use, such as xanthum gum, gum arabic, guar gum, protein derived polymers, starches, and casein derived polymers.

## ADHESIVE AND TACKIFIER PRESERVATION

Kathon 886F Industrial 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 886F Industrial microbicide is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins.

## PAINT AND COATING PRESERVATION

Kathon 886F Industrial 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.

## METALWORKING FLUID PRESERVATION

Kathon 886F Industrial microbicide is recommended for the control of bacteria and fungi in soluble and emulsifiable aqueous metalworking fluids.

## PHOTOGRAPHIC EMULSION PRESERVATION

Kathon 886F Industrial microbicide is recommended for the control of bacteria and fungi in the manufacture and storage of aqueous based materials such as gel solutions, dispersions and emulsions used in the manufacture of photographic products.

## BUILDING MATERIAL PRESERVATION

Kathon 886F Industrial 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.

## COMMERCIAL PHOTOPROCESSING SYSTEM PRESERVATION

Kathon 886F Industrial microbicide is recommended to prevent slime formation or accumulation in photoprocessing tanks, replenishment systems, effluent, silver recovery and waste streams of commercial photoprocessing systems for the maintenance of non-fouled systems.

## PRINTING FLUID PRESERVATION

Kathon 886F Industrial microbicide is recommended for the control of bacteria and fungi in the manufacture and storage of printing ink components such as resins, plastiziers, water soluble dyes, pigments, gelling agents, waxes, surfactants, thickeners, and for photoplate processing chemicals such as stabilizer solutions.

## RECIRCULATING ELECTRODEPOSITION SYSTEMS

Kathon 886F Industrial microbicide is recommended as a tankside additive for the control of bacteria, fungi and algae in recirculating electrodeposition systems, associated rinse systems and through the addition to components of the electrodeposition paint prior to their addition to the system.

## BREWERY PASTEURIZERS AND CAN WARMERS

Kathon 886F Industrial microbicide is recommended for the control of bacteria, algae and fungi in brewery pasteurizing and can warmer systems.

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#### IN-CONTAINER PRESERVATIVE

Kathon 886F Industrial microbicide is recommended as an in-container preservative for the control of bacteria and fungi in industrial and household consumer products, such as air fresheners, automotive products, fabric softeners, hand cleaners, polishes for floors and furniture, shoe polishes, moist sponges and towelettes, spray starch, waxes and automotive polishes, hand and automatic dish detergents, liquid laundry detergents and car washes, household cleaners, industrial cleaners, liquid hand soaps, oil and grease removers, carpet cleaners and spot removers, waterless hand cleaners, raw materials for cleaning products, surfactants, and silicone emulsions.

#### INDUSTRIAL RECIRCULATING WATER COOLING TOWERS

Kathon 886F Industrial microbicide is recommended for the control of bacteria, algae and fungi in industrial recirculating water cooling towers when added to the tower basin, distributor box or some other point to insure uniform mixing.

#### AIR WASHER SYSTEMS

Kathon 886F Industrial microbicide is recommended for the control of bacteria, algae and fungi which cause fouling in industrial air washer systems.

#### INDUSTRIAL RECIRCULATING CLOSED LOOP WATER COOLING SYSTEMS

Kathon 886F industrial microbicide is recommended for the control of bacteria, algae and fungi in industrial recirculating closed loop water cooling systems when added to the reservoir, recirculating line or some other point to insure uniform mixing.

#### WOOD AND WOOD PRODUCTS

Kathon 886F industrial microbicide is recommended for the protection of wood and wood products such as landscape timbers, fences, posts, pilings, crossties, docks and similar exterior structures from mold and mildew.

#### PAPERMILLS

Kathon 886F Industrial microbicide is recommended for the control of bacterial and fungal slime in the production of paper.

#### OIL FIELD INJECTION WATERS

Kathon 886F Industrial microbicide is recommended for the control of slime-forming and sulfate reducing bacteria in oil and gas field water systems, including enhanced recovery injection fluids, drilling, fracturing and completion fluids.

#### STORAGE AND DISPOSAL PROHIBITIONS

The product as supplied evolves gas (largely carbon dioxide) slowly. To prevent buildup of pressure the product is packaged in specially vented containers. Keep this product in the original container when not in use. Container must be stored and transported in an upright position to prevent spilling the contents through the vent. 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 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.

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