

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEC 13 1996

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

Subject: Kathon 287T Microbicide  
EPA Registration No. 707-224  
Your Application of November 7, 1996

Attn: Wendy W. Bingaman  
Regulatory Manager, Biocides

The labeling amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable, provided that you make the following changes.

Change the statement "Kathon 287T is not recommended ..." to read "Kathon 287T is not approved for use in wood products that come in contact with food."

A stamped copy is enclosed for you records. Submit one (1) copy of the finished printed label before this product is released for shipment.

If you have any question about the comments in this letter you should contact Drusilla Copeland at (703) 305-6938.

Sincerely,



*for*

Marion J. Johnson  
Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (7505C)

Enclosure

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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**PRECAUTIONARY STATEMENTS**  
HAZARD TO HUMANS AND DOMESTIC ANIMALS

**DANGER**

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

This product is a dermal sensitizer. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield, rubber gloves and protective clothing when handling. Do not breathe dust, mist or vapors. Avoid contamination of food. Do not take internally. Wash thoroughly with soap and water after handling.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to 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 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.

# KATHON® 287T

## INDUSTRIAL MICROBICIDE

FOR USE BY MANUFACTURERS ONLY IN FORMULATING MICROBICIDES FOR USE IN MARINE ANTIFOULANT PAINTS FOR BOATS AND/OR VESSELS ONLY, RECIRCULATING WATER COOLING TOWERS, RECIRCULATING CLOSED LOOP WATER COOLING SYSTEMS, PULP AND PAPERMILLS, PLASTIC PRESERVATION, WOOD AND WOOD PRODUCTS, PRESSURE TREATED WOOD, WOOD PRESERVATIVES FOR MILLWORK AND JOINERY APPLICATIONS, WOOD PRESERVATIVES FOR SAPSTAIN, DISPERSED PIGMENTS, BUILDING MATERIALS, ARCHITECTURAL PAINTS AND COATINGS, CONVEYOR LUBRICANTS, HYDRAULIC FLUIDS, FUELS, METALWORKING FLUIDS, METAL CLEANING FLUIDS, POLYMER LATEX, ADHESIVES, TACKIFIERS, COMMERCIAL PHOTOPROCESSING SYSTEMS, PHOTOGRAPHIC EMULSIONS, RECIRCULATING ELECTRODEPOSITION SYSTEMS, OIL FIELD INJECTION WATERS, AIR WASHER SYSTEMS, BREWERY PASTEURIZER AND CAN WARMER SYSTEMS AND IN-CONTAINER PRESERVATION.

**ACTIVE INGREDIENT:**

4,5-Dichloro-2-n-octyl-3(2H)-isothiazolone .....	98.5%
<b>INERT INGREDIENTS:</b> .....	1.5%
<b>TOTAL</b> .....	<b>100.0%</b>

### KEEP OUT OF REACH OF CHILDREN

## DANGER

#### STATEMENT OF PRACTICAL TREATMENT

- IF IN EYES:** IMMEDIATELY flush eyes with plenty of water for at least 15 minutes. Call a physician.
- IF ON SKIN:** IMMEDIATELY wash skin thoroughly with soap and water. Remove and wash contaminated clothing before reuse.
- IF INHALED:** Remove immediately to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Call a physician.
- IF SWALLOWED:** Wash mouth thoroughly with plenty of water and give water or milk to drink. Get medical attention immediately. Do not give liquids to an unconscious person.

**NOTE TO**

**PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

APPROVED No. 707-TX-1  
with CORRECTIONS 707-224  
in EPA Letter Dated:

**NET CONTENTS: LBS**

#### DIRECTIONS FOR USE

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

**Kathon 287T Industrial Microbicide is recommended for use in formulating microbicides for the following applications identified on this label. Formulators using this product are responsible for providing data for the EPA registration for their formulated products. See Kathon 287T Material Safety Data Sheet for chemical and physical properties.**

**MARINE ANTI-FOULANT PAINTS**  
Kathon 287T Microbicide is recommended for formulation into marine antifoulant paints for boats and/or vessels only. Paints formulated with Kathon 287T are intended solely for commercial and military applications adhering to recommended safe handling procedures.

**INDUSTRIAL RECIRCULATING WATER COOLING TOWERS**  
Kathon 287T Microbicide is recommended as an industrial microbicide for use in industrial recirculating water cooling towers.

**INDUSTRIAL RECIRCULATING CLOSED LOOP WATER COOLING SYSTEMS**  
Kathon 287T Microbicide is recommended as an industrial microbicide for use in industrial recirculating closed loop water cooling systems.

**PULP AND PAPERMILLS**  
Kathon 287T Microbicide is recommended as a slimeicide and fungicide for use in the production and preservation of paper and for the preservation of paper coatings and components of paper coatings. Kathon 287T microbicide is recommended for use in the preservation of pulp and wet lap.

**WOOD AND WOOD PRODUCTS**  
Kathon 287T Microbicide is recommended as a microbicide for use in the protection of wood and wood products in outdoor and indoor applications. Kathon 287T is not recommended for use in wood products that may come in contact with food.

**WOOD PRESERVATIVES FOR PRESSURE TREATED WOOD**  
Kathon 287T Microbicide is recommended for use in the formulation of preservatives for the pressure treatment of wood.

**WOOD PRESERVATIVES FOR MILLWORK AND JOINERY APPLICATIONS**  
Kathon 287T Microbicide is recommended for use in the formulation of preservatives for millwork and joinery applications.

**WOOD PRESERVATIVES FOR SAPSTAIN**  
Kathon 287T Microbicide is recommended for use in the formulation of preservatives for the protection of wood and wood products from sapstain.

**PLASTICS PRESERVATION**  
Kathon 287T Microbicide for plastic applications. Kathon products that may contain ARCHITECTURAL PAINTS  
Kathon 287T Microbicide for use in finishes, and special BUILDING MATERIALS  
Kathon 287T Microbicide for use in sealants, joint cement  
DISPERSED PIGMENTS  
Kathon 287T Microbicide for use in pigments.  
CONVEYOR LUBRICANTS  
Kathon 287T Microbicide for use in conveyor lubricants.  
WATER-BASED HYDRAULIC FLUIDS  
Kathon 287T Microbicide for use in water-based hydraulic FUEL PRESERVATION  
Kathon 287T Microbicide for use in FOR USE IN AVIATION ADMINISTRATION  
ACCEPTABILITY OF ENGINES AND/OR AIRCRAFT  
METAL CLEANING FLUIDS  
Kathon 287T Microbicide in the metal emulsion based metal METALWORKING FLUIDS  
Kathon 287T Microbicide for use in metalworking fluids.  
POLYMER LATEX PRESERVATION  
Kathon 287T Microbicide for use in and natural polymer latex use.  
ADHESIVE AND TACKIFIERS  
Kathon 287T Microbicide for use in adhesives and tackifier resins.

MANUFACTURED IN U.S.A. BY:



100 INDEPENDENCE MALL WEST  
PHILADELPHIA, PA. 19106-2399  
TELEPHONE NO: (215) 592-3000

DEC 13 1996  
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 707-224

3013

**COMMERCIAL PHOTOPROCESSING SYSTEM PRESERVATION**

Kathon 287T Microbicide is recommended for the control of microorganisms in processing tanks, replenishment systems, influent, effluent, silver recovery and waste streams of commercial photoprocessing systems.

**PHOTOGRAPHIC EMULSION PRESERVATION**

Kathon 287T Microbicide is recommended as an industrial microbicide in the manufacture and storage of aqueous based materials such as gel solutions, dispersions, and emulsions used in the manufacture of photographic products.

**RECIRCULATING ELECTRODEPOSITION SYSTEMS**

Kathon 287T Microbicide is recommended as an industrial microbicide for use as a tankside additive in recirculating electrodeposition systems, associated rinse systems, and components of the electrodeposition paint prior to their addition to the system.

**BREWERY PASTEURIZERS AND CAN WARMERS**

Kathon 287T Microbicide is recommended as an industrial microbicide in brewery pasteurizing and can warmer systems.

**AIR WASHER SYSTEMS**

Kathon 287T Microbicide is recommended as an industrial microbicide for use in fouled industrial air washer systems.

**OIL FIELD INJECTION WATERS**

Kathon 287T 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.

**IN-CONTAINER PRESERVATIVE**

Kathon 287T Microbicide is recommended as an in-container preservative for 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.

Formulators are responsible for obtaining FDA clearance for their formulated products in pulp and paper products and coatings that may come in contact with food.

**STORAGE AND DISPOSAL**

**PROHIBITIONS** This product is corrosive to mild and stainless steel. Do not store or transport in unlined metal containers. Do not contaminate water, 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.**

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ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

DEC 13 1996

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No  
707-224

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