

707-322

5/10/2013

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Antimicrobials Division (7510C)  
1200 Pennsylvania Avenue NW  
Washington, D.C. 20460

Reg. Number: 707-322  
Date of Issuance: MAY 10 2013

Term of Issuance: Unconditional

Name of Pesticide Product: Kathon  
2800 Industrial Microbicide

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):  
Rohm and Haas Company  
727 Norristown Road, PO Box 904  
Spring House, PA 19477

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
  - a. Add the phrase "EPA Registration Number 707-322."

Signature of Approving Official:  
*Marshall Swindell*  
Marshall Swindell  
Product Manager-33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

Date: MAY 10 2013

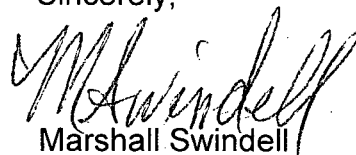
The Confidential Statement of Formula dated April 13<sup>th</sup>, 2012, is acceptable.

3. Submit three (3) copies of the final printed label prior to releasing this product for sale.

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 constitutes acceptance of these conditions.

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

Sincerely,



Marshall Swindell  
Product Manager 33  
Regulatory Branch I  
Antimicrobials Division (7510P)

Enclosure: (Stamped Labeling)

# KATHON™ 2800 Industrial Microbicide

For Use By Manufacturers Only In Formulating Industrial Microbicides For Use In Conveyor Lubricants, Hydraulic Fluids, Fuels, Metalworking Fluids, Dispersed Pigments, Metal Cleaning Fluids, Polymer Latices, Adhesives, Tackifiers, Paints and Coatings, Commercial Photoprocessing Systems, Photographic Emulsions, Printing Fluids, Recirculating Electrodeposition Systems, Oil Field Injection Waters, Building Materials, Recirculating Water Cooling Towers, Air Washer Systems, Recirculating Closed Loop Water Cooling Systems, Brewery Pasteurizer and Can Warmer Systems, Wood and Wood Products, Papermills, In-Container Preservation, and Fountain Solutions.



### ACTIVE INGREDIENTS:

5-Chloro-2-methyl-4-isothiazolin-3-one 21.1%

2-Methyl-4-isothiazolin-3-one 6.9%

### INERT INGREDIENTS:

TOTAL: 72.0%  
100.0%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**FIRST AID**

#### IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 min.
- Remove contact lenses, if present, after first 5 min. then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

#### IF ON SKIN:

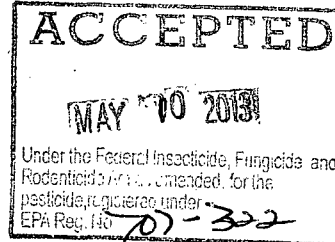
- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 min.
- Call a poison control center or doctor for treatment advice.

#### IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth.
- Call a poison control center or doctor for advice.

#### IF SWALLOWED:

- Call a poison control center or doctor immediately for advice.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person.



**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be necessary.

**IN CASE OF EMERGENCY CALL ROHM AND HAAS COMPANY 215-592-3000**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER**

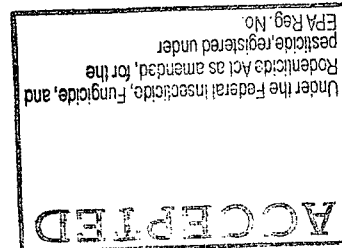
**CORROSIVE**

**CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS**

**MAY BE FATAL IF ABSORBED THROUGH THE SKIN**

**MAY BE FATAL IF INHALED**

**HARMFUL IF SWALLOWED**



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Do not get in eyes, on skin, or on clothing. Wear coveralls worn over long-sleeved shirt and long pants, socks, chemical-resistant footwear, and gloves. Wear protective eyewear (goggles, face shield, or safety glasses). Do not breathe spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**ENVIRONMENTAL HAZARDS**

This chemical is toxic to aquatic plants, 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 local 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.

**STORAGE AND DISPOSAL**

**PESTICIDE STORAGE**

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Do not apply this product in a way that will contact workers or other persons.

**PHYSICAL AND CHEMICAL HAZARDS**

This product is corrosive to mild steel.

**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**

Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by procedures approved by state and local authorities.

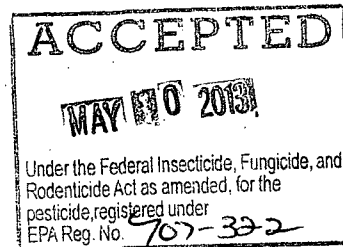
**GENERAL**

CONSULT FEDERAL, STATE, OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES

**CONDITIONS OF SALE AND WARRANTY**

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Date of Manufacture: location for date  
EPA Reg. No. 707-XXX  
EPA Est. No. establishment number



**DIRECTIONS FOR USE**

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

Kathon 2800 is recommended for use ONLY in the formulation of end-use industrial microbicides. Formulators are responsible for obtaining their own EPA registrations and developing the data required to support their registrations. See Kathon 2800 industrial microbicide material safety data sheet for chemical and physical properties.

Kathon 2800 is designed for formulation into end-use pesticides products which are intended for use as a preservative/microbicide in the final commodity products listed below.

**CONVEYOR LUBRICANT PRESERVATION**

Kathon 2800 industrial microbicide is recommended for the control of bacteria and fungi in the manufacture and use of water based conveyor lubricants.

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**WATER BASED HYDRAULIC FLUID PRESERVATION**

Kathon 2800 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 2800 industrial microbicide is recommended for the control of bacteria and fungi in liquid hydrocarbon fuels such as: aviation fuels, kerosene, heating oils, diesel fuels, gasoline, 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.

**METAL CLEANING FLUID PRESERVATION**

Kathon 2800 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.

**METALWORKING FLUID PRESERVATION**

Kathon 2800 industrial microbicide is recommended for the control of bacteria and fungi in soluble and emulsifiable aqueous metalworking fluids.

**POLYMER LATEX PRESERVATION**

Kathon 2800 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, casein derived polymer latices and solution polymers.

**ADHESIVE AND TACKIFIER PRESERVATION**

Kathon 2800 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 2800 industrial microbicide is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins.

**PAINT AND COATING PRESERVATION**

Kathon 2800 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.

**PHOTOGRAPHIC EMULSION PRESERVATION**

Kathon 2800 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 2800 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 2800 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 2800 industrial microbicide is recommended for the control of bacteria and fungi in the manufacture and storage of printing ink components such as resins, plasticizers, water soluble dyes, pigments, gelling agents, waxes, surfactants, thickeners, and for photoplate processing chemicals such as stabilizer solutions.

**FOUNTAIN SOLUTIONS**

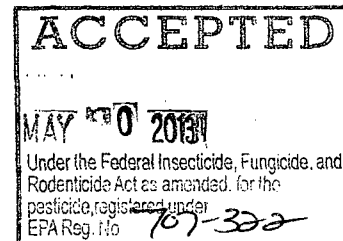
Kathon 2800 industrial microbicide is recommended for the control of bacteria, algae and fungi in fountain solutions.

**RECIRCULATING ELECTRODEPOSITION SYSTEMS**

Kathon 2800 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 2800 industrial microbicide is recommended for the control of bacteria, algae and fungi in brewery pasteurizing and can warmer systems.



**IN-CONTAINER PRESERVATIVE**

Kathon 2800 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 2800 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 2800 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 2800 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.

**DISPERSED PIGMENT PRESERVATION**

Kathon 2800 industrial microbicide is recommended for the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as kaolin clay, monmorillite clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate, and kieselguhr used in paint and paper productions.

**WOOD AND WOOD PRODUCTS**

Kathon 2800 industrial microbicide is recommended for the protection of wood and wood products such as landscape timbers, fences, posts, terrestrial-use pilings, crossties, decks and similar exterior surfaces from mold and mildew.

**PAPERMILLS**

Kathon 2800 industrial microbicide is recommended for the control of bacterial and fungal slime in the production of paper.

**OIL FIELD INJECTION WATERS**

Kathon 2800 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. This product may be used for terrestrial and off-shore oil drilling muds and packer fluids.

Kathon 2800 weighs 11.7 lbs/gal

