



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

October 27, 2016

William D Shade  
Rohm and Hass Company  
100 Independence Mall West  
Philadelphia, PA  
19106

Subject: Notification per PRN 98-10 – To update company information and make minor changes under the direction for use  
Product Name: KATHON™ 886 MW  
EPA Registration Number: 707-129  
Application Date: September 16, 2016  
Decision Number: 521529

Dear Mr. Shade:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, you may contact Zebora Johnson at (703) 308-7080 or via email at [johnson.zebora@epa.gov](mailto:johnson.zebora@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Julie Chao".

Julie Chao, Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

# KATHON™ 886 MW

Produced for: (for use when manufactured by a contract manufacturer)

ROHM AND HAAS COMPANY

A Wholly Owned Subsidiary of The Dow Chemical Company

100 Independence Mall West

Philadelphia, PA, 19106-2399

Phone: 215-592-3000

A Wholly Owned Subsidiary of The Dow Chemical Company

Dow Diamond

®™Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

## ACTIVE INGREDIENTS:

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

2-Methyl-4-isothiazolin-3-one

## INERT INGREDIENTS:

	10.40%
	3.70%
	85.90%
<b>TOTAL:</b>	<b>100.00%</b>

## NOTIFICATION

707-129

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

10/27/2016

## KEEP OUT OF REACH OF CHILDREN

## DANGER

### FIRST AID

#### 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 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 INHALED:

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

#### IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment 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.

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

**IN CASE OF EMERGENCY endangering life or property involving this product, call collect 989-636-4400**

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

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

## 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 OR SWALLOWED

MAY CAUSE ALLERGIC SKIN REACTION

## HARMFUL IF INHALED

Do not get in eyes, on skin, or on clothing. Mixers, loaders and others exposed to this product must wear: long-sleeved shirt and long pants; chemical resistant gloves such as nitrile or butyl rubber; shoes plus socks; goggles and face shield; and chemical resistant apron. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exists, use detergent and hot water. Keep and wash PPE separately from other laundry. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly. This product may cause skin sensitization reactions in some people.

## 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.

## PHYSICAL AND CHEMICAL HAZARDS

This product is corrosive to mild steel. This 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.

## 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.

### 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.

### Notice:

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. 707-129

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.

### POLYMER LATEX PRESERVATION

This product 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 a xanthum gum, gum arabic, guar gum, protein-derived polymers, starches, and casein-derived polymers. Add 0.044-0.355 pound of this product (20-161 gram) to each 1000 pound (453 kilogram) of fluid to provide 44 to 355 ppm product (6.25-50 ppm active isothiazolones).

**NOTE:** To ensure uniform mixing, add this product 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 production protection required.

### ADHESIVE AND TACKIFIER PRESERVATION

This product 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. This product is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins. Add 0.044-0.177 pound of this product (20-80 gram) to each 1000 pound (453 kilogram) of fluid to provide 44 to 177 ppm product (6.25-25 ppm active isothiazolones).

### PAINT AND COATING PRESERVATION

**This product** 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 0.044-0.177 pound of **this product** (20-80 gram) to each 1000 pound (453 kilogram) of fluid to provide 44 to 177 ppm product (6.25-25 ppm active isothiazolones).

#### **BUILDING MATERIAL PRESERVATION**

**This product** 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. Add 0.044-0.177 pound of **this product** (20-80 gram) to each 1000 pound (453 kilogram) of fluid to provide 44 to 177 ppm product (6.25-25 ppm active isothiazolones).

#### **DISPERSED PIGMENTS**

**This product** is recommended as an in-container preservative 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 0.044-0.177 pound of **this product** (20-80 gram) to each 1000 pound (453 kilogram) of fluid to provide 44 to 177 ppm product (6.25-25 ppm active isothiazolones).

#### **METALWORKING FLUID PRESERVATION**

**This product** is recommended for the control of bacteria and fungi in soluble and emulsifiable-type aqueous metalworking fluids.

For the maintenance of a non-fouled system, use **this product** at 2.7 fluid ounce (0.23 pound) per 1000 gallon of emulsion every 4 weeks or 2.7-12.8 fluid ounce (0.23-1.1 pound) per 1000 gallon of emulsion every 4-12 weeks to provide 26-125 ppm product (4-17.5 ppm active isothiazolones). For a noticeably fouled system, use an initial dose of 5.4-12.8 fluid ounce (0.46-1.1 pound) per 1000 gallon of emulsion to provide 53-125 ppm product (7-17.5 ppm active isothiazolones) to be followed by subsequent maintenance dosages depending upon the treatment interval noted above. 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 as an additive into the circulating use-dilution of the metalworking fluid using a metering pump or by manual pouring, and uniformly dispersed throughout the system.

#### **METAL CLEANING FLUID PRESERVATION**

**This product** 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, phosphating, galvanizing, and general metal cleaning operations.

For addition to a metal cleaning concentrate, add **this product** at a level to ensure that the final use-dilution fluid will contain 44-177 ppm product (6.25 to 25 ppm active isothiazolones).

For direct addition to a fouled system, add 5.6-22.6 fl. oz. (0.48-1.9 pound) of **this product** to each 1000 gallon of use-dilution metal cleaning fluid every 3 to 4 weeks to provide 44-177 ppm product (6.25 to 25 ppm active isothiazolones). 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 as an additive into the circulating use-dilution of the metal cleaning fluid using a metering pump or by manual pouring, and uniformly dispersed throughout the system.

#### **WATER-BASED HYDRAULIC FLUID PRESERVATION**

**This product** 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 a non-fouled system, use **this product** at 9-13 fluid ounce (0.76-1.1 pound) per 1000 gallon fluid every 8 weeks. For a noticeably fouled system, use an initial dose of 13-20 fluid ounce (1.1-1.7 pound) per 1000 gallon fluid to be followed by subsequent maintenance dosage. 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 as an additive into the circulating use-dilution of the hydraulic fluid using a metering pump or my manual pouring, and uniformly dispersed throughout the system

#### **COMMERCIAL PHOTOPROCESSING SYSTEM PRESERVATION**

**This product** 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 this product at 2.7 - 5.5 fluid ounce (0.23-0.46 pound) per 1000 gallon fluid every 8 weeks. For a noticeably fouled system, use an initial dose of 5.5 - 13.6 fluid ounce (0.46-1.15 pound) per 1000 gallon fluid to be followed by subsequent maintenance dosage. 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.

**PAINT SPRAY BOOTHS**

Add to the paint spray booth to insure uniform mixing, 35 – 250 ppm of this product (0.3 – 2.1 pound or 3.5 – 24.4 fluid ounce of this product per 1000 gallons of water in the system) depending upon the severity of contamination to control bacteria, fungi, and algae which cause fouling in paint spray booths.

**PHOTOPLATE PROCESSING, FOUNTAIN SOLUTIONS, AND INK/INK COMPONENTS**

This product is recommended for the control of bacteria and fungi in photoplate processing chemicals, fountain solutions, and printing inks and ink components. This product should be added to achieve 0.0107% to 0.0321% (15 to 45 ppm active ingredient or 107-321 ppm product). This product should be added to fountain solution concentrates at a level to ensure that the final use-dilution of the product will contain 0.0107% to 0.0321% this product (15 - 45 ppm active ingredient or 107-321 ppm product). To insure uniform mixing, add this product to latex or solution 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.

This product weighs 10.8 pound per gallon.