

707-128

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

Ms. Valeria T. Phillip  
Regulatory Specialist for,  
The Dow Chemical Company  
400 Arcola Road  
P. O. Box 7000  
Room # RC3537  
Collegeville, PA 19426

AUG 26 2014

Subject: KATHON™ WT Industrial Microbicide  
EPA Registration Number 707-128  
Your Amendment Dated May 30, 2014  
EPA Received Date June 4, 2014

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, to update the Warranty Statement, to remove the list of uses from under the product name, and to add additional use directions under the "Wood and Wood Products" subheading, is acceptable.

Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data. A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions concerning this letter, please contact Karen M. Leavy-Munk at (703)-308-6237.

Sincerely,

A handwritten signature in black ink that reads "E. Miederhoff". The signature is written in a cursive style with a large, stylized initial "E".

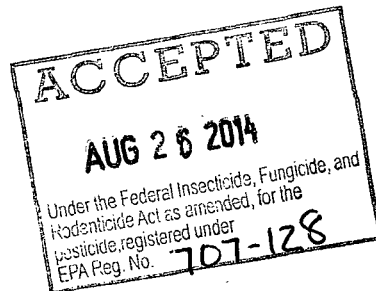
Eric Miederhoff  
Acting Product Manager, Team 33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs  
Environmental Protection Agency

# KATHON™ WT

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



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



**ACTIVE INGREDIENTS:**

5-Chloro-2-methyl-4-isothiazolin-3-one 10.4%  
2-Methyl-4-isothiazolin-3-one 3.7%

**INERT INGREDIENTS:**

Total: 85.9%  
100.0%

## 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 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 CALL ROHM AND HAAS COMPANY 215-592-3000**

**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 exist, 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.

**STORAGE AND DISPOSAL**

**PESTICIDE STORAGE**

Do not store or transport in unlined metal containers. 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.

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning of the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean container before final disposal, empty contents into application equipment and triple rinse. Pour or pump rinsate into application equipment or rinsate collection system. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed 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. 707-128

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.

**INDUSTRIAL RECIRCULATING WATER COOLING TOWERS**

For the control of bacteria, algae, and fungi add Kathon WT microbicide to the tower basin, distribution box, or some other point to insure uniform mixing.

**INITIAL DOSE:** When the system is noticeably fouled, apply 25-68 ppm Kathon WT (0.27-0.73 pound or 3.2-8.7 fluid ounce of Kathon WT per 1000 gallon of water in the system). Repeat until control is achieved.

**SUBSEQUENT DOSE:** When microbial control is evident, add 12-18 ppm Kathon WT (0.13-0.19 pound or 1.5-2.3 fluid ounce of Kathon WT per 1000 gallon of water in the system) weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

**OIL FIELD INJECTION WATERS**

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, slug treat with 7-36 ppm Kathon WT microbicide depending on the severity of contamination. This product may be used for terrestrial and off-shore oil drilling muds and packer fluids.

**INITIAL DOSE:** Add 14-28 ppm Kathon WT (0.57-1.2 gallon or 6.2-12.5 pound Kathon WT per 1000 barrels of water) at a point in the system where it will be uniformly mixed. Repeat treatment after three days or as needed until control is achieved.

**SUBSEQUENT DOSE:** Add 5.5-14 ppm Kathon WT (0.22-1.2 gallon or 2.4-6.2 pound Kathon WT per 1000 barrels of water) every seven days or as needed to maintain control.

**AIR WASHER SYSTEMS**

Add to the air washer sump or chill water sump to insure uniform mixing, 12-68 ppm Kathon WT microbicide (0.12-0.71 pound or 1.5-8.7 fluid ounce of Kathon WT per 1000 gallon of water in the system) depending upon the severity of contamination to control bacteria, fungi, and algae which cause fouling in industrial air washer systems.

**INTERMITTENT OR SLUG METHOD**

**INITIAL DOSE:** When the system is noticeably fouled, apply 25-68 ppm Kathon WT microbicide (0.26-0.71 pound or 3.2-8.7 fluid ounce of Kathon WT per 1000 gallon of water in the system) depending upon the severity of contamination to control bacteria, fungi, and algae which cause fouling in industrial air washer systems.

**SUBSEQUENT DOSE:** When microbial control is evident, add 12-18 ppm Kathon WT (0.12-0.20 pound or 1.5-2.3 fluid ounce of Kathon WT per 1000 gallon of water) weekly or as needed to maintain control.

**CONTINUOUS FEED METHOD**

**INITIAL DOSE:** When the system is just noticeably fouled, apply 25-68 ppm Kathon WT (0.26-0.71 pound or 3.2-8.7 fluid ounce of Kathon WT per 1000 gallon of water in the system).

**SUBSEQUENT DOSE:** Maintain this treatment level by adding a continuous feed of 12-18 ppm Kathon WT (0.12-0.2 pound or 1.5-2.3 fluid ounce of Kathon WT per 1000 gallon of makeup water).

Badly fouled systems must be cleaned before initial treatment.

**NOTE:** For use only in industrial air washing systems that maintain effective mist-eliminating components.

**WOOD AND WOOD PRODUCTS**

Kathon WT microbicide is recommended for the protection of wood and wood products, such as landscape timbers, fences, posts, terrestrial-use pilings, cross ties, decks, and similar exterior structures from mold and mildew. Treat southern yellow pine, hemlock, ponderosa pine, and other soft woods with 21-68 ppm Kathon WT (0.23-0.73 pound or 2.7-8.7 fluid ounce of Kathon WT per 1000 gallon) as an aqueous dip, pressure or spray treatment for mold and mildew control. Under extreme mildew conditions, treat with 170-340 ppm Kathon WT (1.9-3.7 pound or 22-44 fluid ounce) per 1000 gallon of wood treatment solution. May be used at higher concentrations so long as the end use product/article does not exceed a maximum concentration of 48 ppm active isothiazolones. Thoroughly wet and allow to dry. A single application will afford protection for 12 weeks.

For spray treatment only; a negative-pressure spray box equipped with effective mist elimination may be used. Application rates will vary according to wood species and moisture content, temperature, humidity, storage conditions and inoculum pressure. Ensure that the treatment conditions are such that the wood articles are uniformly covered with the treating solution. Monitor spray booth mixtures to ensure proper concentrations are being maintained

Kathon WT weighs 10.8 pound per gallon