



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Antimicrobials Division (7510P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

464-8134

Date of Issuance:

4/29/2015

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Kathon 7TL Antimicrobial

Name and Address of Registrant (include ZIP Code):

Valerie Philip  
Dow Chemical Company, Inc.  
1803 Building  
Midland, MI 48674

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials 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 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 section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

John Hebert, Chief  
Regulatory Management Branch I, Antimicrobials Division  
(7510P)

Date:

4/30/15

2. Be aware that proposed data requirements have been identified in a Work Plan or proposed DCI. For more information on these proposed data requirements, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>  
You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI or EDSP Order listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>
3. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 464-8134.”
4. Submit one copy of the final printed label for the record before you release the product for shipment.

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.

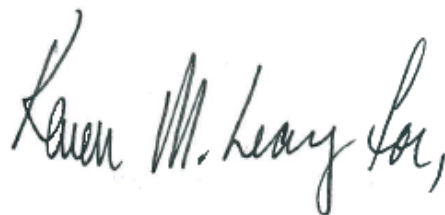
If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 11/11/2014

If you have any questions, please contact Karen M. Leavy by phone at (703)-308-6237 or via email at [Leavy.Karen@epa.gov](mailto:Leavy.Karen@epa.gov).

Enclosure

Sincerely,

A handwritten signature in black ink that reads "Karen M. Leary Esq.". The signature is written in a cursive style with a large initial 'K' and a distinct 'Esq.' at the end.

John Hebert  
Branch Chief 33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

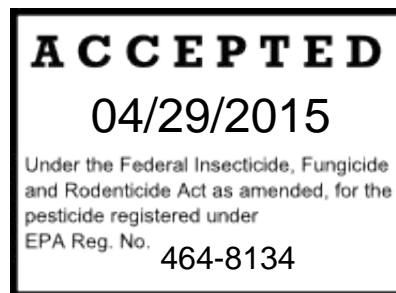
# KATHON™ 7TL Antimicrobial

In Water Soluble Bags – (option for tablets with water soluble packaging)

Produced For – *When produced by a contract manufacturer*

**Dow Diamond**  
**THE DOW CHEMICAL COMPANY**  
**Midland, Michigan 48674**  
**(989) 636-4400**

™Trademark of The Dow Chemical Company (“Dow”) or an affiliated company of Dow.



## ACTIVE INGREDIENTS:

5-Chloro-2-methyl-4-isothiazolin-3-one 5.25%

2-Methyl-4-isothiazolin-3-one 1.75%

INERT INGREDIENTS: 93.0%

TOTAL: 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 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.

**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.

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

**IN CASE OF AN 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 PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### DANGER

**CORROSIVE**

**CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS**

**MAY CAUSE ALLERGIC SKIN REACTION**

**HARMFUL IF INHALED**

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

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 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 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 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.

##### **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 container 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. 464-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.

Note: Tablets wrapped in water soluble packaging are ready for use and should not be removed from the protective film. Place Kathon 7 TL Antimicrobial tablets in the holder provided (or equivalent) and suspend/float it in the water so the tablet is completely submerged. Additional holders may be obtained from the Dow Chemical Company. Kathon 7 TL Antimicrobial tablets are best used at a point that insures adequate flow over the tablets. Alternatively, the tablets may be placed in a side-stream feeding device which recirculates the water within the system.

**For all applications please see table below for dosing guidance. The table shown provides the number of tablets required for different system volumes to achieve the desired dose levels.**

#### **INDUSTRIAL COOLING OR PROCESS WATER SYSTEMS**

*Not registered for this use in the State of California*

For the control of microbial biofilms, bacteria, algae, and fungi, in industrial and commercial cooling or process water systems.

Kathon 7 TL Antimicrobial tablets are dosed to provide from 0.5 to 13 ppm active ingredient, depending on the severity of contamination. Badly fouled systems should be cleaned before treatment is begun. Kathon 7 TL Antimicrobial tablets may be dosed once to twice per week, or as needed.

**AIR WASHER SYSTEMS**

*Not registered for this use in the State of California*

For the control microbial biofilms, bacteria, fungi, and algae which cause fouling in industrial air washer systems. For use only in systems that maintain effective mist-eliminating components.

Kathon 7 TL Antimicrobial tablets are dosed to provide from 0.5 to 13 ppm active ingredient, depending on the severity of contamination. Badly fouled systems should be cleaned before treatment is begun. Kathon 7 TL Antimicrobial tablets may be dosed once per week, or as needed.

**OIL FIELD INJECTION WATERS**

*Not registered for this use in the State of California*

For the control of microbial biofilm-forming and sulfate-reducing bacteria in oil and gas field water systems, including enhanced recovery injection fluids, drilling, fracturing and completion fluids.

Kathon 7 TL Antimicrobial tablets are dosed to provide from 1.0 to 5.0 ppm active ingredient, depending on the severity of contamination. Badly fouled systems should be cleaned before treatment is begun. Kathon 7 TL Antimicrobial tablets may be dosed once to twice per week, or as needed.

**INDUSTRIAL WASTEWATER TREATMENT SYSTEMS AND SEWAGE SYSTEMS**

*Not registered for this use in the State of California*

Kathon 7 TL Antimicrobial is recommended for the control of microbial biofilms, bacteria, fungi, and algae in industrial wastewater treatment and sewage systems. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority.

Kathon 7 TL Antimicrobial tablets are dosed to provide from 0.5 to 13 ppm active ingredient, depending on the severity of contamination. Badly fouled systems should be cleaned before treatment is begun. Kathon 7 TL Antimicrobial tablets may be dosed once to twice per week, or as needed.

**Example Dosing Guidelines for KATHON™ 7 TL Antimicrobial Solid Tablets**

No. of KATHON™ 7 TL Antimicrobial Tablets Dosed	System Volume (gallons)	Biocide Concentration (ppm active ingredient)
1	300	12
1	750	5.0
1	1,000	3.7
2		7.4
3		11
1	2,500	1.5
2		3.0
3		4.4
4		6.0
1	3,700	1.0
1	5,000	0.7
2		1.5
4		3.0
6		4.4
8		6.0
1	7,500	0.5
2		1.0
4		2.0

6		3.0
8		4.0
3	10,000	1.1
4		1.5
6		2.2
8		3.0