

KATHON[®] WT 1.5%

Avg. Gross: LB KG
 Net: LB KG
 Avg. Tare: LB KG

Industrial Microbicide for use in Recirculating Water Cooling Towers, Air Washer Systems, Oil Field Injection Waters, Wood Mildew Control, Papermill Slime Control, Recirculating Closed Loop Water Cooling Systems, Brewery Pasteurizer and Can Warmer Systems

Lot
 Number
 ()



ACTIVE INGREDIENTS:

5-Chloro-2-methyl-4-isothiazolin-3-one 1.11%
 2-Methyl-4-isothiazolin-3-one 0.39%

INERT INGREDIENTS:

98.5%
 Total: 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

IF ON SKIN: Wash thoroughly with soap and water. Remove and wash contaminated clothing before re-use.

IF IN EYES: Flush with plenty of water for at least 15 minutes. Call a physician.

IF INHALED: Remove immediately to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Call a physician.

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

Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing vapor or mist. Avoid contamination of food. Do not take internally. Wash thoroughly after handling.

ENVIRONMENTAL HAZARDS

This product 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.

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 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.

PH 35
 1/11-135

9-26-91

Accepted Stamp
 on PG 4/2/94

10/4

Product
Code
(91)

«LNI»

Container:
Code Number Label Number
«SNJ» WT15EPA

**STORAGE AND DISPOSAL
PROHIBITIONS**

This product is corrosive to mild steel. Do not store or transport in unlined metal containers. Do not contaminate 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 by 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.

Date of Manufacture: location for date
EPA Reg. No. 707-133
EPA Est. No. establishment number

2074

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 1.5% microbicide to the tower basin, distribution box, or some other point to insure uniform mixing.

INITIAL DOSE: When the system is noticeably fouled, apply 148 - 883 ppm Kathon WT 1.5% microbicide (1.26 - 7.46 pound or 19 - 113 fluid ounce of Kathon WT 1.5% per 1000 gallon of water in the system.) Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 35 - 219 ppm Kathon WT 1.5% microbicide (0.3 - 1.86 pound or 4.5 - 28 fluid ounce of Kathon WT 1.5% per 1000 gallon of water in the system) weekly or as needed to maintain control. Badly fouled systems should 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 67 - 332 ppm Kathon WT 1.5% microbicide depending on the severity of contamination.

INITIAL DOSE: Add 166 - 332 ppm Kathon WT 1.5% (6.9 - 13.9 gallon or 58.0 - 116.8 pound Kathon WT 1.5% per 1000 barrel 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 67-166 ppm Kathon WT 1.5% (2.8 - 6.9 gallon or 23.5 - 58.0 pound Kathon WT 1.5% per 1000 barrel 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, 35 - 883 ppm Kathon WT 1.5% microbicide (0.3 - 7.46 pound or 4.5 - 113 fluid ounce of Kathon WT 1.5% 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 148 - 883 ppm Kathon WT 1.5% microbicide (1.26 - 7.46 pound or 19 - 113 fluid ounce of Kathon WT 1.5% per 1000 gallon of water in the system.) Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 35 - 219 ppm Kathon WT 1.5% microbicide (0.3 - 1.86 pound or 4.5 - 28 fluid ounce of Kathon WT 1.5% per 1000 gallon of water in the system weekly or as needed to maintain control.) Badly fouled systems should be cleaned before treatment is begun

CONTINUOUS FEED METHOD

INITIAL DOSE: When the system is noticeably fouled, apply 148 - 883 ppm Kathon WT 1.5% microbicide (1.26 - 7.46 pound or 19 - 113 fluid ounce of Kathon WT 1.5% per 1000 gallon of water in the system.)

SUBSEQUENT DOSE: Maintain this treatment level by adding a continuous feed of 35 - 219 ppm Kathon WT 1.5% (0.3 - 1.86 pound or 4.5 - 28 fluid ounce of Kathon WT 1.5%) 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.

RECEIVED
7-15-97

3044

PAPERMILLS

Kathon WT 1.5% microbicide is recommended for the control of bacterial and fungal slime in the production of paper.

POINT OF ADDITION: Kathon WT 1.5% microbicide should be added to a point in the system to insure uniform mixing such as the Beater, Hydropulper, or Fan or Broke Storage Pumps.

Dosage: Apply 0.44 to 1.5 lbs (7 - 23 fluid ounce) of Kathon WT 1.5% microbicide per ton (dry basis) of pulp or paper produced as a slug dose. If needed, repeat daily. Badly fouled systems should be cleaned before initial treatment.

INDUSTRIAL RECIRCULATING CLOSED LOOP WATER COOLING SYSTEMS

For the control of bacteria, algae or fungi, add Kathon WT 1.5% microbicide to the reservoir, recirculating line or some other point in the system to insure uniform mixing.

INITIAL DOSE: When the system is noticeably fouled, apply 148 - 883 ppm Kathon WT 1.5% microbicide (1.26 - 7.46 pound or 19 - 113 fluid ounce of Kathon WT 1.5% per 1000 gallon of water in the system.) Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 35 - 219 ppm Kathon WT 1.5% microbicide (0.3 - 1.86 pound or 4.5 - 28 fluid ounce of Kathon WT 1.5% per 1000 gallon of water in the system) weekly or as needed to maintain control. Badly fouled systems should be cleaned before treatment is begun.

WOOD AND WOOD PRODUCTS

Kathon WT 1.5% microbicide is recommended for the protection of wood and wood products, such as landscape timbers, fences, posts, pilings, cross ties, decks, and similar exterior structures from mold and mildew. Treat southern yellow pine, hemlock, ponderosa pine, and other soft woods with 148 - 1000 ppm Kathon WT 1.5% (1.26 - 8.4 pound or 13 - 128 fluid ounce of Kathon WT 1.5% per 1000 gallon) as an aqueous dip or pressure treatment for mold and mildew control. Thoroughly wet and allow to dry. A single application will afford protection for 12 weeks.

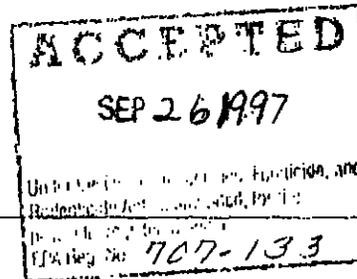
BREWERY PASTEURIZERS AND CAN WARMERS

For the control of bacteria, algae and fungi in brewery pasteurizer and can warmer systems, add Kathon WT 1.5% microbicide at a point in the system to insure uniform mixing.

INITIAL DOSE: When the system is noticeably fouled, apply 148 - 883 ppm Kathon WT 1.5% microbicide (1.26 - 7.46 pound or 19 - 113 fluid ounce of Kathon WT 1.5% per 1000 gallon of water in the system.) Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 35 - 219 ppm Kathon WT 1.5% microbicide (0.3 - 1.86 pound or 4.5 - 28 fluid ounce of Kathon WT 1.5% per 1000 gallon of water in the system) weekly or as needed to maintain control. Badly fouled systems should be cleaned before treatment is begun.

Kathon WT 1.5% microbicide weighs 8.4 pound/gallon.



hath