

KATHON[®] ED 1.5%

Industrial Microbicide for Use in Recirculating Electrodeposition Systems



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

Product Code
(91)

«LN1»

Container: Code Number «SN1»
Label Number BU003603
04/22/02

ACTIVE INGREDIENTS:
5-Chloro-2-methyl-4-isothiazolin-3-one 1.11%
2-Methyl-4-isothiazolin-3-one 0.39%
INERT INGREDIENTS: 98.50%
Total: 100.00%

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 advice.
• Move person to fresh air.

IF INHALED:
• 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
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 CAUSE ALLERGIC SKIN REACTION
HARMFUL IF INHALED
HARMFUL IF SWALLOWED OR ABSORBED THROUGH THE SKIN

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 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 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
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.

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.

Date of Manufacture; location for date
EPA Reg. No. 707-218
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.

METHOD OF ADDITION
Kathon ED 1.5% microbicide is recommended as a tankside additive for the control of bacteria, fungi, and algae in recirculating electrodeposition systems and associated rinse systems.

Alternatively, Kathon ED 1.5% microbicide may be added through the components of the electrodeposition paint prior to their addition to the electrodeposition system.

TANKSIDE ADDITION TO ELECTRODEPOSITION SYSTEMS
Kathon ED 1.5% microbicide should be dispensed into the recirculating rinse system, ultrafilter permeate, or final distilled rinse system at a point to insure uniform mixing.

INITIAL DOSE: When the system is noticeably fouled, add 667-2333 ppm Kathon ED 1.5% microbicide (5.6-19.6 gallon per 10,000 gallon of fluid in the system). This will provide 10 to 35 ppm of active ingredient. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 333-1000 ppm Kathon ED 1.5% microbicide (2.8-8.4 gallon per 10,000 gallon of fluid in the system) weekly or as needed to maintain the system. This will provide 5-15 ppm of active ingredient. A change of frequency of treatment may be required depending upon the rate of dilution of the preservative with makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.

TREATMENT OF ELECTRODEPOSITION PAINT COMPONENTS
INITIAL DOSE OF PAINT COMPONENTS
Kathon ED 1.5% microbicide should be added to the resin, pigment, or other component of the electrodeposition paint at a level to ensure that the final use-dilution fluid will contain 333-2333 ppm product (5-35 ppm active ingredient).

SUPPLEMENTAL TANKSIDE DOSING OF ELECTRODEPOSITION SYSTEM
If additional microbial control is necessary, Kathon ED 1.5% microbicide may be added to the electrodeposition system tankside to supplement microbicide incorporated through paint components. If the system becomes noticeably fouled, add 667-2333 ppm Kathon ED 1.5% microbicide (5.6-19.6 gallon per 10,000 gallon of fluid in the system). This will provide 10-35 ppm of active ingredient. Repeat until control is achieved.

When microbial control is evident, the system can be maintained by addition of 333-1000 ppm Kathon ED 1.5% microbicide (2.8-8.4 gallon per 10,000 gallon of fluid in the system) weekly or as needed. This will provide 5-15 ppm of active ingredient.

NOTE: Regardless of the manner of incorporation, the total active ingredient level in the system should at no time exceed 35 ppm (equivalent to 2333 ppm Kathon ED 1.5% microbicide or 19.6 gallon per 10,000 gallon system fluid).

Kathon ED 1.5% microbicide weighs 9.9 pound/gallon.

ACCEPTED

MAY 31 2002

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 707-218

707-218

05/31/2002

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