

# KATHON<sup>®</sup> ED 1.5%

Industrial Microbicide for Use in Recirculating Electrodeposition Systems



100 INDEPENDENCE MALL WEST  
PHILADELPHIA, PA 19106  
TELEPHONE: (215) 592-3000

Avg. Gross:  
Net:  
Avg. Fare

Lot  
Number  
( )



ACTIVE INGREDIENTS:  
5-Chloro-2-methyl-4-isothiazolin-3-one 98.50%  
2-Methyl-4-isothiazolin-3-one 1.50%  
INERT INGREDIENTS: Total: 100.00%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED.** Do not induce vomiting. Drink promptly a large quantity of egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately. Never give anything by mouth to an unconscious person.

**IF ON SKIN.** Wash thoroughly with soap and water. Remove and wash contaminated clothing before re-use. Get medical attention.

**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.

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

**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.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER  
CORROSIVE  
CAUSES EYE DAMAGE AND SKIN BURNS  
MAY CAUSE ALLERGIC SKIN REACTION  
HARMFUL IF INHALED  
HARMFUL IF SWALLOWED**

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.

**ACCEPTED**  
SEP 26 1997  
Under the Federal Insecticide, Fungicide, and  
Rodenticide Act as amended, for the  
pesticide, registered under  
EPA Reg. No. 707-218

**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. 707-218  
EPA Est. No. establishment number

PM 33 707-218

9/26/97

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LB KG  
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LB KG

Product  
Code  
(91)

«LN1»

Container:  
Code Number Label Number  
«SN1» BU003602

<p><b>DIRECTIONS FOR USE</b> It is a violation of Federal law to use this product in a manner inconsistent with its labeling.</p> <p><b>METHOD OF ADDITION</b> 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.</p> <p>Alternatively, Kathon ED 1.5% microbicide may be added through the components of the electrodeposition paint prior to their addition to the electrodeposition system.</p> <p><b>TANKSIDE ADDITION TO ELECTRODEPOSITION SYSTEMS</b> 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.</p> <p><b>INITIAL DOSE:</b> 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.</p> <p><b>SUBSEQUENT DOSE:</b> 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.</p> <p><b>TREATMENT OF ELECTRODEPOSITION PAINT COMPONENTS</b> <b>INITIAL DOSE OF PAINT COMPONENTS</b> 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).</p>	<p><b>SUPPLEMENTAL TANKSIDE DOSING OF ELECTRODEPOSITION SYSTEM</b> 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.</p> <p>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.</p> <p><b>NOTE:</b> 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).</p> <p>Kathon ED 1.5% microbicide weighs 9.9 pound/gallon.</p> <p>Kathon ED 1.5% microbicide is specially formulated by Rohm and Haas Company for the control of microorganisms in coating systems applied by electrodeposition. Rohm and Haas is the owner of United States patent rights to methods and compositions covering this use, particularly United States Patents 4,108,431, 4,243,403, 4,322,475, and 4,396,413. The purchase price of Kathon ED 1.5% microbicide includes a royalty whereby the purchaser acquires a prepaid license to employ the purchased quantity of Kathon ED 1.5% microbicide only for the above-specified electrodeposition coating use under Rohm and Haas's United States patent rights. Other uses of Kathon ED 1.5% are not licensed through the purchase of this product, and the use of Kathon ED 1.5% for other purposes may violate patent rights of Rohm and Haas.</p>
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