

# KORDEK™ MLX

Industrial Microbicide for use in Polymer Lattices, Adhesives,  
Tackifiers, Mineral Dispersions, Printing Fluid and Electronic  
Chemicals Preservation



**ACTIVE INGREDIENTS:**  
2-Methyl-4-isothiazolin-3-one 9.7%  
**INERT INGREDIENTS:** 90.3%  
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.
- 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.
- 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.

**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**

This product is a dermal sensitizer. Do not get in eyes, on skin, or on clothing. Wear goggles, protective clothing and rubber gloves. Wear a mask or pesticide respirator jointly approved by Mine Safety and Health Administration and the National Institute for Occupational Safety and Health. Avoid breathing vapor or mist. Keep container closed. Use with adequate ventilation. Do not take internally. Wash thoroughly with soap and water 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.

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5/6/2005  
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Avg. Gross: LB KG  
 Net: LB KG  
 Avg. Tare: LB KG

Product Code  
 11)

Lot Number  
 ( )

«BC1»

«LN1»

Container: Code Number  
 «SN1»

Label Number  
 3/14/2005

**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.

**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:  
 EPA Reg. No. 707-299  
 EPA Est. No.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Refer to the table at the bottom of this section for dosing details for the following applications.

**MINERAL DISPERSION PRESERVATION**

Kordek MLX is recommended for the control of bacteria and fungi in the manufacture and storage of mineral dispersion.

NOTE: Regardless of the manner of incorporation, the total active ingredient level in the system should at no time exceed 150 ppm in the final use dilution.

**PRINTING FLUID PRESERVATIVE**

Kordek MLX microbicide is recommended for the control of bacteria and fungi in water-based printing inks, such as flexographic, gravure, screen, and ink jet printing inks.

Kordek MLX microbicide is recommended for the control of bacteria and fungi in the manufacture and storage of printing ink components such as resins, plasticizers, water soluble dyes, pigments, gelling agents, waxes, surfactants, and thickeners.

Kordek MLX microbicide is recommended for the control of bacteria and fungi in fountain solutions used for lithographic printing operations. Kordek MLX should only be used in those fountain solution concentrates which are automatically diluted prior to use.

Kordek MLX is also recommended as a preservative for photoplate processing chemicals such as stabilizer solutions. Kordek MLX should be added to the fountain solution concentrate or processing chemical concentrate at a level to ensure that the final use-dilution fluid will contain the desired concentration.

lb. of product per 1000 lb. fluid	kg of product per 453 kg fluid	ppm of product	ppm active ingredient
0.265 lb.	120 g	265 ppm	25 ppm
1.575 lb.	715 g	1575 ppm	150 ppm

**POLYMER LATEX PRESERVATION**

Kordek MLX is recommended for the control of bacteria and fungi in the manufacture and storage of synthetic and natural polymer latices.

**ELECTRONIC CHEMICALS PRESERVATION**

Kordek MLX is recommended for the control of bacteria and fungi in electronic chemicals.

For the above applications add 1.05 - 2.63 lbs of Kordek MLX (476gm - 1.2kg) to each 1000 lbs (453kg) of fluid to provide 1052 - 2630 ppm product (100-250ppm active isothiazolones).

**ADHESIVE AND TACKIFIER PRESERVATION**

Kordek MLX is recommended as an in-container preservative for the control of bacteria and fungi in water-soluble and water-dispersed adhesives and tackifiers.

lb of product per 1000lb fluid	kg of product per 453 kg fluid	ppm of product	ppm active ingredient
0.79 lb	0.36 kg	790 ppm	75 ppm
1.575 lb	0.715 kg	1575 ppm	150 ppm

**FOOD CONTACT**

As an antimicrobial agent for adhesives and components of adhesives at a level not to exceed 150 ppm.

As an antimicrobial agent for polymer latex emulsions in paper coatings at a level not to exceed 250 ppm active ingredient.

As an antimicrobial agent for finished paper and paperboard coating formulations and for additives used in the manufacture of paper and paperboard including latex emulsion, fillers, binders, pigment slurries, and sizing solutions at a level not to exceed 150 ppm active ingredient in the individual additives and not to exceed 150 ppm in the finished coating formulation.

Kordek MLX weighs 8.5 pounds/gallon

**ACCEPTED**  
 MAY 06 2005  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 707-299

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