

PM 31 707-256

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC
ANIMALS

DANGER

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

This product is a dermal sensitizer. Do not get in eyes, on skin, 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 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.

KORDEK 50C

INDUSTRIAL MICROBICIDE

**Industrial Microbicide For Use In Metalworking
Fluid Concentrates, Polymer Latices, Paints &
Coatings, Building Materials, Fuel, Adhesives &
Tackifiers, And As A Tankside Additive
For Metalworking Fluids.**

Kordek 50C weighs 9.7 lbs per gallon

ACTIVE INGREDIENT:

2-Methyl-4-isothiazolin-3-one	50.0%
INERT INGREDIENTS	50.0%
	TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

- IF IN EYES:** Flush eyes immediately with plenty of water for at least 15 minutes. Get medical attention if irritation persists.
 - IF ON SKIN:** Wash thoroughly with soap and plenty of water. Remove contaminated clothing and wash before reuse. Get medical attention if irritation occurs.
 - IF INHALED:** Remove person to fresh air. Get medical attention.
 - IF SWALLOWED:** Wash mouth thoroughly with plenty of water and give water or milk to drink. Get medical attention immediately. Do not give liquids to an unconscious person.
- NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA Reg. No. 707-256

EPA Est. No. 043691-EN-1

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Under the Federal Insecticide, Fungicide, and Rodenticide Act

NET CONTENTS

RECD 001/001/001

757-256

LBS

MANUFACTURED IN ENGLAND FOR:



100 INDEPENDENCE MALL WEST
PHILADELPHIA, PA 19106-2399
TELEPHONE No: (215) 592-3000

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. To be used only by technically qualified persons.

METALWORKING FLUID PRESERVATION - TANKSIDE ADDITION

Kordek 50C microbicide is recommended for the control of bacteria and fungi in water-extendible metalworking fluids (soluble oil, semi-synthetic and synthetic types). The preservative should be dispensed as a tankside additive into the circulating use-dilution of the metalworking fluid using a metering pump or by manual pouring, and uniformly dispersed throughout the system.

Dosing: Use Kordek 50C at 1.0 to 2.0 pints (1.2 to 2.4 lbs. or 75 to 150 ppm active ingredient) per 1000 gallons metalworking fluid every 1-6 weeks. A higher dosage range and/or increased frequency of treatment may be required depending upon rate of dilution of the preservative with makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design.

METALWORKING FLUID CONCENTRATES

Kordek 50C microbicide is recommended for the control of bacteria and fungi in water-extendible metalworking fluids (soluble oil, semi-synthetic and synthetic types) when added to the metalworking fluid concentrates. Kordek 50C should be added to the concentrate at a level to ensure that the final use-dilution metalworking fluid will contain Kordek 50C at 150 to 300 ppm (75 to 150 ppm active ingredient). Refer to the below listed table for additional dosing details.

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

POLYMER LATEX PRESERVATION

Kordek 50C microbicide is recommended for the control of bacteria and fungi in the manufacture and storage of synthetic and natural polymer latices including: acrylic; styrene/butadiene; carboxylated styrene/butadiene; ethylene/vinyl acetate; and biopolymers intended for industrial use, such as xanthum gum, gum arabic, guar gum, protein-derived polymers, starches and casein-derived polymers. Add 0.2-0.5 pounds of Kordek 50C (0.09-0.23 grams) to each 1000 pounds (453 kilograms) of emulsion to provide 200-500 ppm product (100-250 ppm active isothiazolone).

PAINT AND COATING PRESERVATION

Kordek 50C microbicide is recommended as an in-container preservative for the control of bacteria and fungi in water-based coatings such as paper and wood coatings and paints used for architectural product finishes, and special-purpose coatings. Add 0.15-0.30 pounds of Kordek 50C (0.07-0.14 kilograms) to each 1000 pounds (453 kilograms) of fluid to provide 150-300 ppm product (75-150 ppm active isothiazolone).

BUILDING MATERIAL PRESERVATION

Kordek 50C microbicide is recommended as an in-container preservative for the control of bacteria and fungi in building materials such as mastics, caulks, joint cements, spackling and grouting. Add 0.15-0.30 pounds of Kordek 50C (0.07-0.14 kilograms) to each 1000 pounds (453 kilograms) of fluid to provide 150-300 ppm product (75-150 ppm active ingredient).

<u>Dilution of Concentrate</u>	<u>Dose Level</u>	<u>Wt. % Kordek 50C In Concentrate</u>	<u>lbs. Kordek 50C per 100 Gal. Conc.</u>	<u>Quarts Kordek 50C per 100 Gal. Conc.</u>	<u>PPM Kordek 50C in Use Dilution</u>	<u>PPM Active Ingrid. In Use Dilution</u>
15:1	Minimum	0.23 %	1.8 lbs.	3/4 quart	150 ppm	75 ppm
15:1	Maximum	0.45 %	3.6 lbs.	1 1/2 quarts	300 ppm	150 ppm
20:1	Minimum	0.30 %	2.4 lbs.	1 quart	150 ppm	75 ppm
20:1	Maximum	0.60 %	4.8 lbs.	2 quarts	300 ppm	150 ppm
25:1	Minimum	0.37 %	3.0 lbs.	1 1/4 quarts	150 ppm	75 ppm
25:1	Maximum	0.75 %	6.0 lbs.	2 1/2 quarts	300 ppm	150 ppm

ADHESIVE AND TACKIFIER PRESERVATION

Kordek 50C microbicide is recommended as an in-container preservative for the control of bacteria and fungi in water soluble and water dispersed adhesives such as animal glues, natural rubber latices, polyvinyl acetate, styrene/butadiene and acrylic latices. Kordek 50C is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins. Add 0.15-0.30 pounds of Kordek 50C (0.07-0.14 kilograms) to each 1000 pounds (453 kilograms) of fluid to provide 150-300 ppm product (75-150 ppm active isothiazolone).

FUEL PRESERVATION

Kordek 50C microbicide is recommended for the control of bacteria and fungi in the following liquid hydrocarbon fuels and oils: crude oils, aviation fluids, kerosene, heating oils, diesel fuels, residual fuel oils, coal slurries, liquified petroleum gases and petrochemical feedstocks.

METHOD OF ADDITION: Kordek 50C microbicide should be directly dispensed into a fuel tank, storage tank or flowing stream of fuel in a manner to ensure uniform distribution of the preservative in the fuel system. Slug dose or continuous feed methods are recommended.

CURATIVE DOSE: When the system is noticeably fouled, add 0.23-0.5 gallons of Kordek 50C per 10,000 gallons of fluid in the system. This will provide 30 to 60 ppm of Kordek 50C and 15-30 ppm active ingredient. Repeat until control is achieved.

MAINTENANCE DOSE: When the system is not noticeably fouled, add 0.13-0.36 gallons of Kordek 50C microbicide per 10,000 gallons of fluid to maintain the system. This will provide 16 - 44 ppm of Kordek 50C and 8-22 ppm active ingredient. Repeat every 4-6 weeks or when microbial contamination is detected.

FOR USE IN AVIATION FUEL, THE FEDERAL AVIATION ADMINISTRATION MUST BE CONSULTED AS TO THE ACCEPTABILITY OF THE ADDITIVE FOR USE IN SPECIFIC ENGINES AND/OR AIRCRAFT.

This product is not cleared for use in those indirect food applications which are regulated by the Food and Drug Administration (FDA) under the Federal Food, Drug and Cosmetic Act.

STORAGE AND DISPOSAL

PROHIBITIONS

This product is corrosive to mild steel. Do not store or transport in unlined metal containers. Do not contaminate with strong oxidizing or reducing agents. Do not contaminate water, food, or feed by storage or 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.