



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

June 20, 2017

William Shade
Regulatory Manager
Rohm and Haas Company
100 Independence Mall West
Philadelphia, PA 19106

Subject: Notification per PRN 98-10 – Updates to the Warranty, First Aid and Directions
Product Name: Kordek 50C Industrial Microbicide
EPA Registration Number: 707-256
Application Date: 06/01/2017
Decision Number: 530433

Dear Mr. Shade:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, you may contact Aline Heffernan at 703-347-8602 or via email at heffernan.aline@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "John Hebert".

John Hebert, Chief
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

KORDEK™ 50 C Industrial Microbicide

Produced for: (for use when manufactured by a contract manufacturer)

ROHM AND HAAS COMPANY

A Wholly Owned Subsidiary of The Dow Chemical Company

100 Independence Mall West

Philadelphia, PA, 19106-2399

Phone: 215-592-3000

NOTIFICATION

707-256

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

06/20/2017

Dow Diamond

®™Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

ACTIVE INGREDIENT:

2-Methyl-4-isothiazolin-3-one

50.0%

INERT INGREDIENTS:

50.0%

TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

FIRST AID

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 treatment advice.

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 INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment 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. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

IN CASE OF EMERGENCY **endangering life or property involving this product, call CHEMTREC 1-800-424-9300.**

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 PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

CORROSIVE

CAUSES SEVERE 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

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 the 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

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. 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 HANDLING

Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by procedures approved by state and local authorities.

Notice:

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Date of Manufacture: location for date

EPA Reg. No. 707-256

EPA Est. No. 707-TX-1

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

This product 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 this product 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

This product 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. This product should be added to the concentrate at a level to ensure that the final use-dilution metalworking fluid will contain this product at 150 to 300 ppm (75 to 150 ppm active ingredient). Refer to the below listed table for dosing details.

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.

Dilution of Metalworking Fluid Concentrates		lbs. Kordek 50C per 100 Gal.	Quarts Kordek 50C Conc. per 100 Gal. Conc.
Dose Level			
15:1	Minimum	1.8 lb.	3/4 quart
15:1	Maximum	3.6 lb.	1 1/2 quart
20:1	Minimum	2.4 lb.	1 quart
20:1	Maximum	4.8 lb.	2 quart
25:1	Minimum	3.0 lb.	1 1/4 quart
25:1	Maximum	6.0 lb.	2 1/2 quart

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

Paint and Coating Preservation

This product 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 such as industrial maintenance paints.

Building Material Preservation

This product 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.

Printing Fluid Preservation

This product is recommended for the control of bacteria and fungi in water-based printing inks such as flexographic, gravure, screen, UV/EB inks and ink jet printing inks. This product 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. This product is recommended for the control of bacteria and fungi in fountain solutions used for lithographic printing operations. This product should only be used in those fountain solution concentrates which are automatically diluted prior to use. This product is also recommended as a preservative for photoplate processing chemicals such as stabilizer solutions. This product 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 150 - 300 ppm product (75 - 150 ppm active ingredient).

Adhesive and Tackifier Preservation

This product is recommended 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. This product is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins.

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.

lb. Kordek 50C per 1000 lb. fluid	kilogram Kordek 50C per 453 kg fluid	PPM Kordek 50C	PPM Active Ingredient
0.15 lb.	0.07 kg	150 ppm	75 ppm
0.30 lb.	0.14 kg	300 ppm	150 ppm

Polymer Latex Preservation

This product 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 this product (0.09 - 0.23 grams) to each 1000 pounds (453 kilograms) of emulsion to provide 200 - 500 ppm product (100 - 250 ppm active ingredient).

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

In-Container Preservation

This product is recommended as an in-container preservative for the control of bacteria in industrial and household consumer products, including all-purpose liquid cleaners, furniture and floor care products, liquid laundry products, aqueous raw materials such as silicone emulsions, and surfactants. To insure uniform distribution, slowly disperse this product into product with agitation. Mix thoroughly until evenly dispersed throughout product.

Textile Chemical Preservation

This product is recommended for the control of bacteria and fungi in the manufacture and storage of textile processing chemicals such as fiber lubricants, spin finishes, sizes, dyestuffs, textile printing inks, dispersants, thickeners, dye fixatives, hand builders and weighters. These textile processing chemicals are commonly used in the production of natural and synthetic fibers and fabrics.

Dispersed Pigment Preservation

This product is recommended for the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as kaolin and montmorillite clays, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, and magnesium silicate used in paint and paper productions

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

lb. Kordek 50C per 1000 lb. fluid	g Kordek 50C per 453 kg fluid	PPM Kordek 50C	PPM Active Ingredient
0.05 lb.	22.7 g	50 ppm	25 ppm
0.30 lb.	136.2 g	300 ppm	150 ppm

Fuel Preservation

This product is recommended for the control of bacteria and fungi in the following liquid hydrocarbon fuels and oils: crude oils, aviation fluids, kerosene, heating oils, residual fuel oils, coal slurries, liquefied petroleum gases, petrochemical feedstocks and diesel fuels for off-road vehicles only. This product may not be added to any diesel fuel intended for use in any self-propelled motor vehicle designed for transporting persons or property on a street or highway.

METHOD OF ADDITION: This product 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 this product per 10,000 gallons of fluid in the system. This will provide 30 - 60 ppm of this product 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 **this product** per 10,000 gallons of fluid to maintain the system. This will provide 16 - 44 ppm of this product 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.

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.

As an antimicrobial agent for preservation of latex emulsions destined for use in the manufacture of repeat-use gloves at a level **not to exceed 250 ppm active ingredient**.

This product weighs 9.7 lbs per gallon