

707-256

9/14/2009

1 of 7

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



Office of Pesticide Programs

Rohm and Haas Company  
100 Independence Mall West  
Philadelphia, PA 19106-2399

SEP 14 2009

Attention: Valerie Phillips

**Subject: KORDEK 50C Industrial Microbicide**  
EPA Registration No. 707-256  
Notification Dated August 14, 2009

This will acknowledge receipt of your notification to add label language per PR Notice 2007-4, submitted under the provisions of FIFRA Section 3(c)(9). Based on a review of the submitted material, the following comments apply.

The Notification dated August 14, 2009 is in compliance with PR Notice 98-10 and is acceptable. This information has been added to your file.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,

A handwritten signature in cursive script that reads "Martha Terry".

Marshall Swindell  
Product Manager 33  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)

2097



Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number Rohm and Haas Co. / 707-256	2. EPA Product Manager Mr. Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Rohm and Haas Co. / KORDEK(tm) 50C Industrial Microbicide	PM# 33	
5. Name and Address of Applicant (Include ZIP Code) Rohm and Haas Company 100 Independence Mall West Philadelphia, PA 19106-2399 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

Amendment - Explain below.  Final printed labels in response to Agency letter dated \_\_\_\_\_

Resubmission in response to Agency letter dated \_\_\_\_\_  "Me Too" Application.

Notification - Explain below.  Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Amendment to add label language per PR Notice 2007-4.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container

3. Location of Net Contents Information  
 Label  Container

4. Size(s) Retail Container  
1 pt, 1 qt, 1, 5, 30, 55, 300, 5000, gal  on label

5. Location of Label Directions

6. Manner in Which Label is Affixed to Product  
 Lithograph Paper glued Stenciled  Other \_\_\_\_\_

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

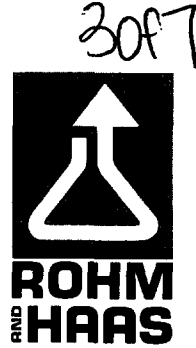
Name Valerie T. Phillip	Title Regulatory Specialist	Telephone No. (Include Area Code) 215.641.7696
----------------------------	--------------------------------	---

**Certification**  
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received (Stamped)

2. Signature 	3. Title Regulatory Specialist
4. Typed Name Valerie T. Phillip	5. Date August 14, 2009

**ROHM AND HAAS**



ROHM AND HAAS COMPANY  
SPRING HOUSE TECHNICAL CENTER, 727 NORRISTOWN ROAD, P.O. BOX 904, SPRING HOUSE, PA 19477-0904 USA  
TELEPHONE: (215) 641-7000 FAX: (215) 619-5001

August 14, 2009

Document Processing Desk 7502P (E-SUB)  
U.S. EPA – Office of Pesticide Programs  
Room S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22202-4501  
Attn: Marshall Swindell (PM 33)

Subject: KORDEK™ 50C Industrial Microbicide  
EPA Reg. No. 707-256  
Label Amendment per PR Notice 2007-4

Dear Mr. Swindell,

Please find enclosed an application to amend the label for the Rohm and Haas Company Product KORDEK™ 50C Industrial Microbicide (EPA Reg. No 707-256).

The purpose of the amendment is to:

- update label with the requirements of PR Notice 2007-4 “Pesticide Management and Disposal; Standards for Pesticide Containers and Containment”
- add an emergency contact number (previously requested by EPA)
- align the First Aid and Precautionary Statement sections for label consistency

Once approved I am requesting a new stamped label.

Administrative items included to support this amendment are as follows:

1. Application form # 8570-1
2. Five (5) paper copies of proposed label
3. CD containing copy of proposed label
4. Certification with Respect to Label Integrity

Please contact me with questions regarding this submission.

Sincerely,

Valerie T. Phillip  
Regulatory Specialist  
DMC  
215-641-7696

/enclosures

# KORDEK™ 50 C

Industrial Microbicide For Use In Metalworking Fluid Concentrates, Polymer Latices, Paints and Coatings, Building Materials, Dispersed Pigments, Fuel, Adhesives and Tackifiers, Printing Fluids, Textile Chemical Preservation, In-Container Preservation, and As A Tankside Additive For Metalworking Fluids.



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

**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 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 CALL ROHM AND HAAS COMPANY 215-592-3000**

**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 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 DISPOSAL

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.

**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 and as defined the Directions for Use on this label. 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. TO THE EXTENT PERMITTED BY LAW, NEITHER ROHM AND HAAS NOR SELLER SHALL BE 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. 707-256  
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**

Kordek 50C microbicide is recommended for the control of bacteria and fungi in water-extensible 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-extensible 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 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.

<u>Dilution of Metalworking Fluid Concentrates</u>	<u>Dose Level</u>	<u>lbs. Kordek 50C per 100 Gal.</u>	<u>Quarts Kordek 50C Conc. per 100 Gal. Conc.</u>
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

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 such as industrial maintenance paints.

#### 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.

#### Printing Fluid Preservation

Kordek 50C microbicide 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. Kordek 50C 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 50C microbicide is recommended for the control of bacteria and fungi in fountain solutions used for lithographic printing operations. Kordek 50C should only be used in those fountain solution concentrates which are automatically diluted prior to use. Kordek 50C is also recommended as a preservative for photoplate processing chemicals such as stabilizer solutions. Kordek 50C 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

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.

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.

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

#### 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 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 ingredient).

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

#### In-Container Preservation

Kordek 50C 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 Kordek 50C into product with agitation. Mix thoroughly until evenly dispersed throughout product.

#### Textile Chemical Preservation

Kordek 50C 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**

Kordek 50C microbicide 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

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

**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, residual fuel oils, coal slurries, liquefied petroleum gases, petrochemical feedstocks and diesel fuels for off-road vehicles only. Kordek 50C 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: 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 - 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.

**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.

Kordek 50C weighs 9.7 lbs per gallon