

39967-25

08/27/2001

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number:
39967-25

Date of Issuance:
AUG 27 2001

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance:
Conditional

Name of Pesticide Product:
PREVENTOL CMK 40

Under FIFRA, as amended

Name and Address of Registrant (include ZIP Code):

Bayer Corporation
Fibers, Organics & rubber Division
100 Bayer Road
Pittsburgh, PA 15205-9741

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

In the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

- a. Add the phrase "EPA Registration Number 39967-25"
- b. Delete the statement "Keep Out Of Reach Of Children" (KOROC) from the precautionary statement and place the KOROC statement immediately below the ingredient statements, followed by the signal word "Danger".
- c. In the precautionary section, revise the harmful if swallowed statement to read "Harmful if swallowed or absorbed through skin."

Signature of Approving Official:

Adam Heyward
Product Manager Team-34
Regulatory Management Branch II
Antimicrobials Division (7510C)

Date:

AUG 27 2001

Note: In the statement , "Wear goggles, face shield, protective clothing and rubber gloves" the wording "goggles, face shield" must be changed to "***goggles or face shield.***"

d. The first aid statement must be revised to read as follows:

FIRST AID STATEMENT

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a Poison Control Center or doctor for treatment advice.

IF SWALLOWED: Call a poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 1-20 minutes. Call Poison Control Center or doctor for treatment advice.

"In case of emergency call (insert toll-free emergency number)."

"Have the product container or label with you when calling a Poison Control Center or doctor or going in for treatment."

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage

The following statements are suggested types of information that could be included, if applicable in the Note to Physicians:

- * technical information on symptomatology;
- * use of supportive treatments to maintain life functions;
- * medicine that will counteract the specific physiological effects of pesticide;
- * company telephone number to specific medical personnel who can provide specialized medical advice.

In addition, this product is assigned a toxicity category IV for inhalation exposure. You have the option of including the inhalation instructions in the first aid statement. If you decide to use this option, the statement must read as follows:

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.

Note: If the container is very large and the label is to be permanently affixed to the container and no other copy will be available to users, references to a Material Safety Data Sheet is acceptable.

The updated acute toxicity regulatory status for Preventol CMK 40 is summarized in the following table.

Data Requirement	Means of Support	Status/ Tox. Category
Acute Oral Toxicity	Submitted study, MRID 452737-03 (Previously reviewed)	Acceptable/ III
Acute Dermal Tox.	Submitted study, MRID 453055-01 (Previously reviewed)	Acceptable/ III
Acute Inhalation Tox.	Submitted study, MRID 452737-04	Acceptable/IV
Eye Irritation	40 CFR §158.340(b)(2)	Waived/ I
Skin Irritation	40 CFR §158,340(b)(2)	Waived/ I
Skin Sensitization	Submitted study, MRID 453037-01	Acceptable/ Sensitizer

- 3. Submit three copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,



Adam Heyward
 Product Manager 34
 Regulatory Branch II
 Antimicrobials Division (7510C)

Enclosure

Reason to Issue: New registration
EPA File Symbol Number: 39967-9

U.S. Label "DRAFT"
PRINTED AS A SINGLE PANEL

Date of Draft: October 27, 2000

Preventol CMK 40

INDUSTRIAL MICROBIOCIDE

PRESERVATIVE FOR USE IN THE MANUFACTURE OF, ADHESIVES AND GLUES, POLYMER DISPERSIONS AND EMULSIONS, MATERIAL IN THE LEATHER INDUSTRY (FOR THE PROTECTION OF CHROME OR VEGETABLE TANNED LEATHER), LUBRICOLANT AND MINERAL OIL-BASED PRODUCTS, MATERIALS IN THE PRINTING INDUSTRY, BUILDING MATERIALS SUCH AS JOINT CEMENTS, CONCRETE ADDITIVES, MATERIALS IN THE OIL INDUSTRY, PIGMENT SLURRIES, MATERIALS IN THE TEXTILE INDUSTRY, PAPER, POLISHES WAXES, PROTEIN SOLUTIONS, CERAMIC GLAZES, FIBERGLASS MATERIALS, CLEANING SOLUTIONS AND DETERGENTS.

ACTIVE INGREDIENTS:

sodium p-chloro-m-cresolate ----- 41.16%

INERT INGREDIENTS -----

57.9%
100%

RECEIVED
With COMMENTS
in EPA Letter Dated:

AUG 27 2001

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide.

39967-25

KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER! CORROSIVE:

Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles, face shield, protective clothing and rubber gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged and repeated contact may cause an allergic reaction in some individuals.

STATEMENTS OF PRACTICAL TREATMENT (FIRST AID)

If in eyes: Hold the lids open and flush with a gentle steady stream of water for at least 15 minutes. Get medical attention.

If on skin: Wash skin immediately with plenty of soap and water. Get medical attention.

If swallowed: Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of water. Avoid alcohol.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate gastric lavage.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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.

PHYSICAL AND CHEMICAL HAZARDS

Avoid contact with eyes and skin. Avoid inhaling vapors or mists. Do not use or store near heat or open flame. Store in original containers away from food and drink. Keep containers tightly sealed. Reseal container immediately after use. Avoid unnecessary contact.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with labeling. Detailed information on physical and chemical properties and other detailed directions for use can be found in the Preventol CMK 40 Technical Information Sheet. Obtain and read this information before undertaking the use of Preventol CMK 40 in order to avoid process mistakes.

NOTE TO USER:

For worker protection during mixing, loading and during application, wear a hat, long sleeved shirt, and long legged trousers or overalls. In addition, during mixing and loading, wear rubber or neoprene gloves and protective goggles. Protective clothing should be laundered separately following application.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

Pesticide disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to the 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: 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.

Handle and open container in a manner as to prevent spillage. If the container is leaking, invert to prevent leakage. If the container is leaking or material spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds, and dispose of as directed above. You may contact the Bayer Corporation Emergency Response Team for decontamination procedures any other assistance that may be necessary. The Bayer Corporation Pittsburgh Emergency Response Telephone Number is 412/923-1800, or contact CHEMTREC at 800/424-9300.

DISCLAIMER Seller (whether manufacturer, distributor, or other) makes no warranty express or implied, including the implied warranty of merchantability, regarding this product except the composition as set forth in the ingredient statement herein, and shall not be liable for special or consequential damages, the exclusive remedy being the replacement of the product. Buyer or user assumes all risk of possession, handling or use of this material when such use and/or handling is contrary to label instructions.

Bayer Corporation
Industrial Chemicals Division
100 Bayer Road
Pittsburgh, PA 15205-9741

EPA Reg. No.: 39967-DEU-002
EPA Est. No.: 39967-SC-003
 67869-PA-001

Net Contents: _____ Pounds

Preventol is a registered trademark of Bayer AG, Germany

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U.S. PRODUCT INFORMATION

TO BE PRINTED AS SEVERAL PAGES

Reason for Issue: To register Preventol CMK40
Date of Draft: October 27, 2000

EPA Registration No: 39967-xxx *EL*

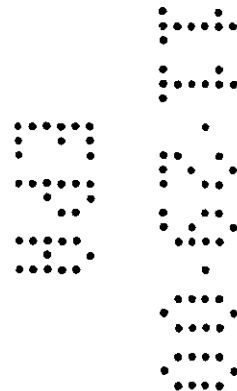
Product Information Preventol CMK 40

PRESERVATIVE FOR USE IN THE MANUFACTURE OF, ADHESIVES AND GLUES, POLYMER DISPERSIONS AND EMULSIONS, MATERIAL IN THE LEATHER INDUSTRY (FOR THE PROTECTION OF CHROME OR VEGETABLE TANNED LEATHER), LUBRICOLANT AND MINERAL OIL-BASED PRODUCTS, MATERIALS IN THE PRINTING INDUSTRY, BUILDING MATERIALS SUCH AS JOINT CEMENTS AND CONCRETE ADDITIVES, MATERIALS IN THE OIL INDUSTRY, PIGMENT SLURRIES, MATERIALS IN THE TEXTILE INDUSTRY, PAPER, POLISHES WAXES, PROTEIN SOLUTIONS, CERAMIC GLAZES, FIRE EXTINGUISHING MATERIALS, CLEANING SOLUTIONS AND DETERGENTS.

Bayer Product Code/Technical Information Sheet No. N-____
EPA Registration Number 39967-xxx
CAS Number [15733-22-9]

Chemical and Physical Data

Common Name: Parachlorometacresol, sodium salt
Chemical Name: 4-chloro-3-methylphenol
Nominal Concentration: 41.6%



Directions for use ADHESIVES AND GLUES

The weight of Preventol CMK 40 to be used is based on the total weight of the adhesive formulation. Preventol CMK 40 can be metered directly into the products to be preserved following the concentrations as indicated below. To achieve fast and homogeneous distribution throughout the entire product, stirring is recommended. In the production of dry glues, Preventol CMK 40 should be added toward the end of thickening in order to minimize any losses of active substance.

EFFECTIVE CONCENTRATION

Bone glues	0.25 - 0.40 %
Skin glues	0.40 - 0.75 %
Casein containing glues	0.45 - 0.90 %
Other animal glues	0.25 - 0.90 %
Starch based glues (liquid)	0.25 - 0.60 %
Methyl Cellulose adhesives	0.40 - 0.60 %
Other plant based adhesives	0.25 - 0.60 %
Polyvinyl alcohol adhesives	0.25 - 0.60 %
Acrylic adhesives	0.25 - 0.60 %
Styrene butadiene adhesives	0.25 - 0.60 %
Other adhesive emulsions	0.25 - 0.60 %
Gumarabic and similar adhesives	0.30 - 0.55 %

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

AUG 27 2001
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No. *39967-25*

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POLYMER DISPERSIONS AND EMULSIONS

Preventol CMK 40 should be added immediately after the preparation of the polymer dispersion or emulsion during the cooling process. Losses of active ingredient caused by elevated temperatures should be taken into account and avoided by suitable measures. Good stirring is recommended to ensure fast and even distribution of the preservative throughout the products.

EFFECTIVE CONCENTRATION

Acrylic	0.25 - 0.60 %
Polyvinylacetate (PVAc)	0.25 - 0.60 %
Styrene Butadiene (SBR Latex)	0.25 - 0.60 %
Other polymer emulsions	0.25 - 0.60 %

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in EPA Letter # 39967-25

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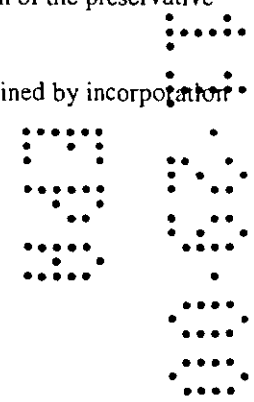
LEATHER

The weight of Preventol CMK 40 to be used is based on total weight of the product to be protected. Preventol CMK 40 can be metered directly into the products to be preserved following the concentrations as indicated below. Good stirring is recommended to ensure fast and even distribution of the preservative throughout the products.

In the case of chrome leather, an effective protection against mold attack may be obtained by incorporation of Preventol CMK 40 into the basifying solution

EFFECTIVE CONCENTRATION

Pickle solutions and pickled hides	0.40 - 0.60 %
Chrome leather (on pelt weight)	0.25 - 0.60 %
Leather pasting adhesives	0.25 - 0.60 %
Leather pigment finishes	0.45 - 1.00 %



METAL WORKING FLUIDS

Preventol CMK 40 can be incorporated into the original concentrate of metalworking fluids. However, the compatibility with the fluid to be preserved should be evaluated before this method is attempted. Preventol CMK 40 is equally suitable for tank side addition.

To achieve fast distribution within the ready-to-use dilution of the metalworking fluid, the preservative should be dosed at a point in the system where good circulation is given. Pre-dissolution in water may be favorable.

EFFECTIVE CONCENTRATION

Metal working fluids-Mineral oil based	
Metalworking fluids (concentrates)	3.00 - 7.50 %
(Preliminary testing for compatibility is indispensable)	

Metalworking fluids (ready for use)	0.30 - 0.75 %
Metalworking fluids-Non-Mineral Oil Based	
Metalworking fluids (concentrates)	3.00 - 7.50 %
(Preliminary testing for compatibility is indispensable)	
Metalworking fluids (ready for use)	0.30 - 0.75 %

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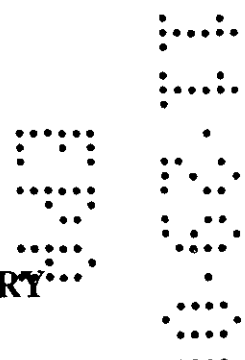
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MATERIALS IN THE PRINTING INDUSTRY

The weight of Preventol CMK 40 to be used is based on total weight of the product to be protected. Preventol CMK 40 can be metered directly into the products to be preserved following the concentrations as indicated above. Good stirring is recommended to ensure fast and even distribution of the preservative throughout the products.

EFFECTIVE CONCENTRATION

Inks	0.25 - 0.60 %
Fount solutions	0.25 - 0.60 %
Printing pastes	0.45 - 0.75 %
Other printing materials and auxiliaries	0.25 - 0.75 %



MATERIALS IN THE BUILDING INDUSTRY

The weight of Preventol CMK 40 to be used is based on the total weight of the product to be preserved. The preservative is best incorporated into the materials just following the initial addition of water or other liquid components sufficient to dissolve the preservative. If incorporation happens at later production stages, stirring is recommended to ensure homogeneous distribution of the preservative throughout the product.

EFFECTIVE CONCENTRATION

Joint cements materials	0.25 - 0.60 %
Bitumen emulsions	0.40 - 1.00 %
Concrete additives	0.50 - 1.00 %
Other materials and auxiliaries	0.30 - 1.00 %

MATERIALS IN THE COATINGS INDUSTRY

The weight of Preventol CMK 40 to be used is based on the total weight of the coating material. The preservative is best incorporated into the products just following the initial addition of water or other liquid components sufficient to dissolve the preservative. If incorporation happens at later production stages, stirring is recommended to ensure homogeneous distribution of the preservative throughout the product.

EFFECTIVE CONCENTRATION

Dyestuff paste, knifing fillers and plastic putty	0.25 - 0.45 %
Casein based coatings	0.55 - 1.00 %
Synthetic resin dispersions	0.25 - 0.60 %
Other auxiliaries and coating materials	0.25 - 1.00 %

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in EPA Letter Dated:

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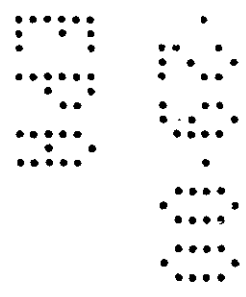
Under the Federal Insecticide,
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amended, the pesticide,
Preventol CMK 40, under EPA Reg. No. 39967-25

MATERIALS IN THE PAPER INDUSTRY

Preventol CMK 40 can be metered directly into the products to be preserved following the concentrations as indicated below. If necessary, pre-dissolution in water is easily possible due to good water solubility of the preservative. Good stirring is recommended to ensure fast and even distribution of the preservative throughout the entire product.

EFFECTIVE CONCENTRATION

Filler suspensions and coating compounds	0.25 - 0.55 %
Rosin paper sizes	0.30 - 0.60 %
Starch slurries	0.30 - 0.75 %
Other materials and auxiliaries	0.25 - 0.75 %



MATERIALS IN THE TEXTILE INDUSTRY

Preventol CMK 40 can be metered directly into the products to be preserved following the concentrations as indicated below. If necessary, pre-dissolution in water is easily possible due to good water solubility of the preservative. Good stirring is recommended to ensure fast and even distribution of the preservative throughout the entire product.

In the production of dry printing thickeners, Preventol CMK 40 should be added toward the end of thickening to minimize any losses of active substance.

EFFECTIVE CONCENTRATION

Printing thickeners (liquid)	0.30 - 0.60 %
Sizes and finishing agents	0.30 - 0.60 %
Yarn humidifiers	0.25 - 0.55 %
Other materials and auxiliaries	0.25 - 0.60 %

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MATERIALS IN THE OIL INDUSTRY

The weight of Preventol CMK 40 to be used is based on the total weight of the product to be preserved. To ensure fast and even distribution of the preservative throughout the product, stirring is recommended. In the production of dry products, Preventol CMK 40 should be added toward the end of thickening to minimize any losses of active substance.

EFFECTIVE CONCENTRATION

Biopolymers, liquid (drilling muds)	0.30 - 0.75 %
Other materials and auxiliaries	0.30 - 0.75 %

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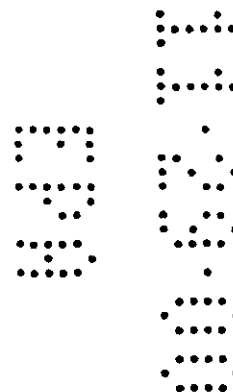
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PIGMENT SLURRIES

The weight of Preventol CMK 40 to be used is based on the total weight of the product to be preserved. The preservative is best incorporated into the materials just following the initial addition of water or other liquid components sufficient to disperse the preservative. If incorporation happens at later product stages, stirring is recommended to ensure homogeneous distribution of the preservative throughout the product.

EFFECTIVE CONCENTRATION

(Kaolin-, Calcium carbonate-Talcum-, Iron oxide etc.)	
Kaolin slurry	0.04 - 0.20 %
Calcium carbonate slurry	0.03 - 0.15 %
Talcum slurry	0.04 - 0.20 %
Iron oxide slurry	0.03 - 0.20 %



ADDITIONAL MATERIALS

The concentration of Preventol CMK 40 as indicated is based on the total weight of the products to be preserved. For satisfactory results, the preservative must be distributed evenly throughout the product.

EFFECTIVE CONCENTRATION

Polishing and wax materials	0.30 - 0.90 %
Protein solutions	0.45 - 0.75 %
Ceramic glazes	0.30 - 0.45 %
Fire extinguishing materials	0.30 - 0.75 %
Cleaning solutions, detergents	0.25 - 0.45 %

Bayer Corporation
Industrial Chemicals Division
100 Bayer Road
Pittsburgh, PA 15205-9741

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The conditions of your use and application of our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis at least must include testing to determine suitability from a technical as well as health, safety and environmental standpoint. Such testing has not necessarily been done by Bayer Corporation. All information is given without warranty or guarantee. It is expressly understood and agreed that the customer assumes and hereby expressly releases Bayer from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance and information. Any statement or recommendation not contained herein is unauthorized and shall not bind Bayer. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent.

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