

39967-27

9-18-2002

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Antimicrobials Division (H7510C)  
1200 Pennsylvania Avenue, N.W.  
Washington, D.C. 20460

EPA Reg. Number: 39967-27

Date of Issuance: SEP 18 2002

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

(under FIFRA, as amended)

Term of Issuance:  
Conditional

Name of Pesticide Product:  
Preventol CMK-Na  
Preservative Solution

Name and Address of Registrant (include ZIP Code):

Bayer Corporation  
Industrial Chemicals 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.

On 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 39967-27"

Signature of Approving Official:

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

Date:

SEP 18 2002

EPA Form 8570-6

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b. Revise the Precautionary Statement to read:

**Precautionary Statements  
Hazards to Humans and Domestic Animals  
Danger**

Corrosive: Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Wear goggles or face shield (safety glasses), 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.

c. Add the following subheading "User Safety Requirements" and text to the label:

**User Safety Requirements**

Follow manufacturers' instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

d. Add the following subheading " User Safety Recommendations" and text to the label:

**User Safety Recommendations**

Users must wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users must remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users must remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

e. Under the Storage and Disposal heading you must add the Pesticide Storage text. See PR Notice 83-3 for detailed information.

3. Submit three (3) copies of the revised final printed label bearing the revisions prior to releasing this product for sale.

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

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,



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

Enclosure

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# Preventol CMK-Na Preservative Solution INDUSTRIAL MICROBIOCIDE

PRESERVATIVE FOR USE IN THE MANUFACTURE OF, ADHESIVES AND GLUES, POLYMER DISPERSIONS AND EMULSIONS, MATERIALS 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, FIRE PROOFING MATERIALS, CLEANING SOLUTIONS AND DETERGENTS.

### ACTIVE INGREDIENTS:

Sodium p-chloro-m-cresolate ----- 34.5%

INERT INGREDIENTS ----- 65.5%  
100%

## KEEP OUT OF THE REACH OF CHILDREN DANGER

### PRECAUTIONARY STATEMENT

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### DANGER! CORROSIVE: CAUSES IRREVERSIBLE EYE DAMAGE OR SKIN BURNS.

Harmful if absorbed through the skin. Do not get in eyes, on skin or on clothing. Wear goggles or face shield. Wear protective clothing and rubber gloves. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before re-use.

### FIRST AID

**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 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 15-20 minutes. 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 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice.

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

The Bayer Corporation Pittsburgh Emergency Response Telephone Number is 412/923-1800

### IN CASE OF EMERGENCY, CALL:

CHEMTREC 800-424-9300

INTERNATIONAL 703-527-3887

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

### 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 and avoid unnecessary contact.

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

### Personal Protection Equipment (PPE):

Applicators and other handlers must wear: Coveralls worn over long sleeved shirt and long pants, chemical-resistant footwear plus socks, goggles or face shield and chemical-resistant gloves (such as: barrier laminate, butyl rubber, neoprene rubber, nitrile rubber, polyvinyl chloride (PVC) and viton)

### 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.

Net Contents: \_\_\_\_\_ Pounds

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

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

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

EPA Letter Dated:  
SEP 18 2002

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# Product Information

## Preventol CMK-Na Preservative Solution

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-ET

### Chemical and Physical Data

Common Name: Parachlorometacresol, sodium salt  
Chemical Name: Sodium p-chloro-m-cresolate  
Nominal Concentration:

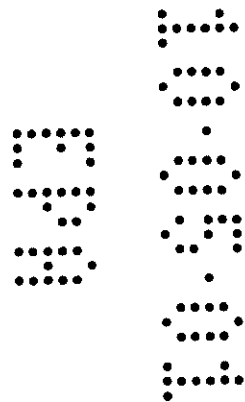
## Directions for use

### ADHESIVES AND GLUES

The weight of Preventol CMK-Na Preservative Solution to be used is based on the total weight of the adhesive formulation. Preventol CMK-Na Preservative Solution 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-Na Preservative Solution should be added toward the end of thickening in order to minimize any losses of active substance.

#### EFFECTIVE CONCENTRATION

Bone glues	0.35 - 0.55 %
Skin glues	0.55 - 1.0 %
Casein containing glues	0.60 - 1.2 %
Other animal glues	0.35 - 1.2 %
Starch based glues (liquid)	0.35 - 0.80 %
Methyl Cellulose adhesives	0.55 - 0.80 %
Other plant based adhesives	0.35 - 0.80 %
Polyvinyl alcohol adhesives	0.35 - 0.80 %
Acrylic adhesives	0.35 - 0.80 %
Styrene butadiene adhesives	0.35 - 0.80 %
Other adhesive emulsions	0.35 - 0.80 %
Gumarabic and similar adhesives	0.40 - 0.75 %



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## POLYMER DISPERSIONS AND EMULSIONS

Preventol CMK-Na Preservative Solution 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	0.35 - 0.80 %
Polyvinylacetate (PVAc)	0.35 - 0.80 %
Styrene Butadiene (SBR Latex)	0.35 - 0.80 %
Other polymer emulsions	0.35 - 0.80 %

## LEATHER

The weight of Preventol CMK-Na Preservative Solution to be used is based on total weight of the product to be protected. Preventol CMK-Na Preservative Solution 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-Na Preservative Solution into the basifying solution

### EFFECTIVE CONCENTRATION

Pickle solutions and pickled hides	0.55 - 0.80 %
Chrome leather (on pelt weight)	0.35 - 0.80 %
Leather pasting adhesives	0.35 - 0.60 %
Leather pigment finishes	0.55 - 1.4 %

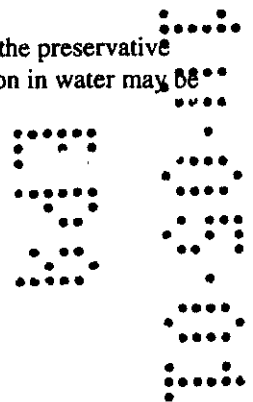
## METAL WORKING FLUIDS

Preventol CMK-Na Preservative Solution 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-Na Preservative Solution 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

<b>Metal working fluids-Mineral oil based</b>	
Metalworking fluids (concentrates)	4.00 - 10.0 %
(Preliminary testing for compatibility is indispensable)	



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Metalworking fluids (ready for use)	0.40 – 1.0 %
<b>Metalworking fluids-Non-Mineral Oil Based</b>	
Metalworking fluids (concentrates)	4.00 – 10.0 %
(Preliminary testing for compatibility is indispensable)	
Metalworking fluids (ready for use)	0.40 – 1.0 %

## MATERIALS IN THE PRINTING INDUSTRY

The weight of Preventol CMK-Na Preservative Solution to be used is based on total weight of the product to be protected. Preventol CMK-Na Preservative Solution 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	0.35 – 0.80 %
Fount solutions	0.35 - 0.80 %
Printing pastes	0.35 – 1.0 %
Other printing materials and auxiliaries	0.35 – 1.0 %

## MATERIALS IN THE BUILDING INDUSTRY

The weight of Preventol CMK-Na Preservative Solution 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	0.35 – 0.80 %
Bitumen emulsions	0.55 – 1.4%
Concrete additives	0.7 – 1.3 %
Other materials and auxiliaries	0.40 – 1.3 %

## MATERIALS IN THE COATINGS INDUSTRY

The weight of Preventol CMK-Na Preservative Solution 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.

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**EFFECTIVE CONCENTRATION**

Dyestuff paste, knifing fillers and plastic putty	0.35 - 0.60 %
Casein based coatings	0.75 - 1.3 %
Synthetic resin dispersions	0.35 - 0.80 %
Other auxiliaries and coating materials	0.35 - 1.3 %

**MATERIALS IN THE PAPER INDUSTRY**

Preventol CMK-Na Preservative Solution 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	0.35 - 0.75 %
Rosin paper sizes	0.40 - 0.80 %
Starch slurries	0.40 - 1.0 %
Other materials and auxiliaries	0.35 - 1.0 %

**MATERIALS IN THE TEXTILE INDUSTRY**

Preventol CMK-Na Preservative Solution 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--Na Preservative Solution should be added toward the end of thickening to minimize any losses of active substance.

**EFFECTIVE CONCENTRATION**

Printing thickeners (liquid)	0.40 - 0.80 %
Sizes and finishing agents	0.40 - 0.80 %
Yarn humidifiers	0.35 - 0.75 %
Other materials and auxiliaries	0.35 - 0.80 %

**MATERIALS IN THE OIL INDUSTRY**

The weight of Preventol CMK-Na Preservative Solution 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-Na Preservative Solution should be added toward the end of thickening to minimize any losses of active substance.

**EFFECTIVE CONCENTRATION**

Biopolymers, liquid (drilling muds)	0.40 - 1.0 %
Other materials and auxiliaries	0.40 - 1.0 %



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## PIGMENT SLURRIES

The weight of Preventol CMK-Na Preservative Solution 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	0.05 - 0.30 %
Calcium carbonate slurry	0.04 - 0.2 %
Talcum slurry	0.05 - 0.30 %
Iron oxide slurry	0.05 - 0.30 %

## ADDITIONAL MATERIALS

The concentration of Preventol CMK-Na Preservative Solution 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	0.40 - 1.2 %
Protein solutions	0.6 - 1.0 %
Ceramic glazes	0.4 - 0.6 %
Fire extinguishing materials	0.4 - 1.0 %
Cleaning solutions, detergents	0.35 - 0.6 %

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

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