

39967-27

10/25/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D C 20460

OCT 25 2010

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Luanne Jeram
Lanxess Corporation
111RIDC Park West Drive
Pittsburgh, PA 15275-1112

Subject Preventol CMK-Na Preservative Solution
EPA Registration Number 39967-27
Amendment Date July 27, 2010
EPA Receipt Date July 28, 2010

Dear Ms Jeram

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide (FIFRA), as amended, is acceptable with conditions

Proposed Amendment

Update label per PR Notice 2007-4, Container Rule

Conditions

Revise the label as follows

- 1) Revise the 7th statement under "Precautionary Statements" to read "Wash thoroughly with soap and water after handling *and before eating, drinking, chewing gum using tobacco or using the toilet* "
- 2) Delete the "User Safety Recommendations" heading
- 3) According to PR Notice 2001-1, the "First Aid" statements must be organized such that the most severe routes of exposure, as demonstrated by the toxicity classification, are listed first. Therefore, you must reorganize the "First Aid" statements as follows "If in Eyes", "If on Skin or Clothing", then "If Swallowed "
- 4) According to PR Notice 83-3, every product label must provide storage instructions. Therefore, you must add the following subheading and statements to the "Storage and Disposal" section for each container type

Pesticide Storage Store in an area away from ~~children~~ ~~users~~ light, moisture, and persons

SYMBOL	.	.	.	..	..	.	....	....	.....
SURNAME	.	.	.	..	..	.	....	....	.....
DATE	.	.	.	..	..	.	....	....	.....

unfamiliar with its use Handle open container in a manner to prevent spillage If the container is leaking, invert to prevent additional leakage If the container is leaking or product is spilled, carefully dam up spilled material to prevent runoff Clean up spilled material with absorbing type of compounds and dispose of as directed under Pesticide Disposal Refer to Precautionary Statements on label for hazards associated with handling this product Do not walk through spilled material


5) Revise the Technical Bulletin to be in compliance with PR Notice 2000-5, Mandatory Labeling by deleting the term, recommended Also, replace the term, should, with "must"

General Comments

A stamped label with conditions is enclosed for your records Submit three (3) copies of your final printed label before distributing or selling the product bearing the revised labeling

Should you have further questions concerning this letter, please contact me by telephone at (703) 308-6416 or by e-mail at Campbell-mcfarlane.jacqueline@epa.gov or Killian Swift by telephone at (703) 308-6346 or by email at swift.killian@epa.gov When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing

Sincerely,


 Jacqueline Campbell- McFarlane
 Product Manager 34
 Regulatory Management Branch II
 Antimicrobials Division (7510P)

Enclosure Stamped label

CONCURRENCES

SYMBOL							
▶	.		---
▶			
▶

Preventol® CMK-Na Preservative Solution

INDUSTRIAL MICROBIOCIDES FOR USE AS A PRESERVATIVE IN THE MANUFACTURE OF ADHESIVES AND GLUES POLYMER DISPERSIONS AND EMULSIONS 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

KEEP OUT OF REACH OF CHILDREN

DANGER!

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER! CORROSIVE Causes irreversible eye damage and skin burns Harmful if swallowed or absorbed through the skin Do not get in eyes on skin or on clothing Wear goggles or face shield (safety glasses) Wash protective clothing and rubber gloves Wash thoroughly with soap and water after handling Remove contaminated clothing and wash before reuse Prolonged or frequently repeated skin contact may cause an allergic reaction in some individuals

ENVIRONMENTAL HAZARDS

This product 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 Do not contaminate water by cleaning of equipment or disposal of wastes Do not apply in marine or estuarine oil fields

IN CASE OF EMERGENCY CALL CHEMTREC 800 424 9300 INTERNATIONAL 703 527 3887

EPA REGISTRATION NUMBER 39967 27 EPA EST NUMBER

LANXESS

ACTIVE INGREDIENT Sodium p-chloro m-cresolate 34.5%
INERT INGREDIENTS 65.5%
TOTAL 100.0%

DIRECTIONS FOR USE

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 Na Preservative Solution Technical Information Sheet Obtain and read this information before undertaking the use of Preventol CMK Na Preservative Solution in order to avoid process mistakes

USER SAFETY REQUIREMENTS

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 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

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 User 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

The LANXESS Pittsburgh Emergency Response Telephone Number is 800-410-3063

ACCEPTED
Under the Federal Insecticide, Fungicide, and Rodenticide Act, the use of this product is hereby authorized under EPA registration number 39967-27.
Date: Oct 2 3 2010

Net Contents Lot No
Under the Federal Insecticide, Fungicide, and Rodenticide Act, the use of this product is hereby authorized under EPA registration number 39967-27.
LANXESS Corporation
111 RIDC Park West Drive Pittsburgh PA 15275 1112 LABEL TEXT DATE 7/23/2010

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 to do so by the 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
Have the product container or label with you when calling a poison control center or doctor or when going for treatment
NOTE TO PHYSICIAN Probable mucosal damage may contraindicate the use of gastric lavage

Drum

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage or disposal.
Protect product from exposure to light and moisture.
PESTICIDE DISPOSAL Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or mixale 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 as follows: Empty the remaining contents into application equipment or mix tank and drain for 10 seconds after the flow begins to drip. Fill the container, full with water and agitate. Repeat this procedure two more times. Offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, by incineration or if allowed by State and Local authorities by burning, if burned, slay out of smoke! Handle and open container in a manner as to prevent spillage or leakage. If the container is leaking or material is spilled for any reason or cause, carefully dem 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.

Tube

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage or disposal.
Protect product from exposure to light and moisture.
PESTICIDE DISPOSAL Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or mixale 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 as follows: Empty the remaining contents into the application equipment or mix tank and drain for 10 seconds after the flow begins to drip. Fill the container, full with water and agitate. Repeat this procedure two more times. Offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, by incineration or if allowed by State and Local authorities by burning, if burned, slay out of smoke! Handle and open container in a manner as to prevent spillage or leakage. If the container is leaking or material is spilled for any reason or cause, carefully dem 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.

Pail

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage or disposal.
Protect product from exposure to light and moisture.
PESTICIDE DISPOSAL Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or mixale 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 as follows: Empty the remaining contents into application equipment or mix tank and drain for 10 seconds after the flow begins to drip. Fill the container, full with water and agitate. Repeat this procedure two more times. Offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, by incineration or if allowed by State and Local authorities by burning, if burned, slay out of smoke! Handle and open container in a manner as to prevent spillage or leakage. If the container is leaking or material is spilled for any reason or cause, carefully dem 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.

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Product Information

Preventol CMK-Na Preservative Solution

FOR USE AS A PRESERVATIVE IN THE MANUFACTURE OF ADHESIVES AND GLUES
POLYMER DISPERSIONS AND EMULSIONS LEATHER INDUSTRY (FOR THE
PROTECTION OF CHROME OR VEGETABLE TANNED LEATHER) LUBRICOOLANT
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

LANXESS Product Code/Technical Information Sheet
EPA Registration Number 39967-27

Chemical and Physical Data

Common Name Parachlorometacresol sodium salt
Chemical Name Sodium p chloro m cresolate

Directions for use

ADHESIVES AND GLUES

The weight of Preventol CMK Na Preservative Solution 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 %	‘ ‘ ‘ ‘
Starch based glues (solid)	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 %	‘ ‘ ‘ ‘

Preventol CMK NA Preservative Solution
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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

Straight oils (Mineral oil based)	
(concentrates)	4.00 – 10.0 %
(Preliminary testing for compatibility is indispensable)	
(ready for use)	0.40 – 1.0 %
Soluble oils (emulsions aqueous)	
(concentrates)	5.0 – 15.0 %
(Preliminary testing for compatibility is indispensable)	
(ready for use)	0.25 – 1.5 %
Semi synthetic (emulsions aqueous)	
(concentrates)	5.0 – 15.0 %
(Preliminary testing for compatibility is indispensable)	
(ready for use)	0.25 – 1.5 %
Synthetic (Solutions)	
(concentrates)	5.0 – 15.0 %
(Preliminary testing for compatibility is indispensable)	
(ready for use)	0.25 – 1.5 %

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 below. 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.

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 %

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 %

LANXESS Corporation
111 RIDC Park West Drive
Pittsburgh, PA 15272-1112

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 LANXESS Corporation. All information is given without warranty or guarantee. It is expressly understood and agreed that the customer assumes and hereby expressly releases LANXESS 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 LANXESS. 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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