



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 21, 2017

Marcia Croce
Regulatory Affairs Specialist
Lanxess Corporation
111 RIDC Park West Drive
Pittsburgh, PA 15275-1112

Subject: Notification per PRN 98-10 – Add correct technical information sheet
Product Name: Preventol CMK-Na Preservative
EPA Registration Number: 39967-22
Application Date: 04/21/2017
Decision Number: 528701

Dear Ms. Croce:


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 me at (703) 308-8075 or via email at luminello.tom@epa.gov.

Sincerely,


Jacqueline Hardy, Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510-P)

Preventol® CMK-Na Preservative

FOR USE IN THE MANUFACTURE OF ADHESIVES AND GLUES, POLYMER DISPERSIONS AND EMULSIONS, LEATHER, LUBRICOLANTS AND MINERAL OIL BASED PRODUCTS, MATERIALS IN THE PRINTING INDUSTRY, MATERIALS IN THE BUILDING INDUSTRY (E.G., CONCRETE ADDITIVES, JOINT CEMENTS), PAINT AND COATINGS, MATERIALS IN THE OIL INDUSTRY, PIGMENT SLURRIES (KAOLIN, CALCIUM CARBONATE, AND OTHERS), POLISHES, WAXES, PROTEIN SOLUTIONS, CERAMIC GLAZES, FIRE EXTINGUISHING MATERIALS, CLEANING SOLUTIONS AND DETERGENTS.

ACTIVE INGREDIENT: Sodium *p*-chloro-*m*-cresolate ----- 71.0%
INERT INGREDIENTS ----- 29.0%
TOTAL ----- 100.0%

KEEP OUT OF REACH OF CHILDREN DANGER

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER! CORROSIVE: Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Harmful if swallowed or absorbed through the skin. Wear goggles or face shield, protective clothing and rubber gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Avoid breathing dust, vapor or spray mist.

FIRST AID

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 to do so by the poison control center or doctor.

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.

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.

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

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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

IN CASE OF EMERGENCY, CALL: CHEMTREC 800-424-9300
EPA REGISTRATION NUMBER: 39967-22
EPA ESTABLISHMENT NUMBER:

LANXESS

LANXESS Corporation
111 RIDC Park West Drive • Pittsburgh, PA 15275-1112

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Protect products from exposure to light and moisture.

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 HANDLING: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. If not emptied in this manner, the bag may be considered an acute hazardous waste and must be disposed in accordance with local, state and federal regulations. When completely empty, offer for recycling if available or dispose of empty bag 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 is 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.

* Preventol is a registered trademark of LANXESS Corporation

INTERNATIONAL 703-527-3887

Net Contents:

Lot No.:

NOTIFICATION

39967-22

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:

04/21/2017

LABEL TEXT DATE: 3/11/2010

LANXESS

Energizing Chemistry

Technical Information Sheet

PREVENTOL CMK-Na Preservative

EPA Registration Number: 39967-22

CAS # 15733-22-9

PREVENTOL CMK-Na Preservative

FOR USE AS A PRESERVATIVE IN THE MANUFACTURE OF ADHESIVES AND GLUES, POLYMER DISPERSIONS AND EMULSIONS, LEATHER, LUBRICOLANTS AND MINERAL OIL BASED PRODUCTS, MATERIALS IN THE PRINTING INDUSTRY, MATERIALS IN THE BUILDING INDUSTRY (E.G. CONCRETE ADDITIVES, JOINT CEMENTS), PAINT AND COATINGS, MATERIALS IN THE OIL INDUSTRY, PIGMENT SLURRIES (KAOLIN-, CALCIUM CARBONATE-AND OTHERS), POLISHES, WAXES, PROTEIN SOLUTIONS, CERAMIC GLAZES, FIRE EXTINGUISHING MATERIALS, CLEANING SOLUTIONS AND DETERGENTS.

Chemical and Physical Data

Common Name: Parachlorometacresol, sodium salt
Chemical Name: 4-chloro-3-methylphenol

Directions for use

ADHESIVES AND GLUES

The weight of PREVENTOL CMK-Na Preservative used is based on the total weight of the adhesive formulation. Meter PREVENTOL CMK-Na Preservative directly into the products to be preserved. Stir to achieve rapid and homogeneous distribution throughout the entire product. In the production of dry glues, add PREVENTOL CMK-Na Preservative toward the end of thickening in order to minimize any losses of active substance. The following the concentrations must be observed:

EFFECTIVE CONCENTRATION

Bone glues	0.15 – 0.30 %
Skin glues	0.25 - 0.50 %
Casein containing glues	0.30 – 0.60 %
Other animal glues	0.15 – 0.60 %
Starch based glues (liquid)	0.15 – 0.40 %
Starch based glues (solid)	0.40 – 2.00 %
Methyl Cellulose adhesives	0.25 – 0.40 %
Other plant based adhesives	0.15 – 0.40 %
Polyvinyl alcohol adhesives	0.15 – 0.40 %
Acrylic adhesives	0.15 – 0.40 %
Styrene butadiene adhesives	0.15 – 0.40 %
Other adhesive emulsions	0.15 – 0.40 %
Gumarabic and similar adhesives	0.20 – 0.35 %

POLYMER DISPERSIONS AND EMULSIONS

Add PREVENTOL CMK-Na Preservative immediately after the preparation of the polymer dispersion or emulsion during the cooling process. Elevated temperatures must be avoided to maintain active ingredient concentration. Stir well to ensure rapid and even distribution of the preservative throughout the products.

EFFECTIVE CONCENTRATION

Acrylic	0.15 – 0.40 %
Polyvinylacetate (PVAc)	0.15 – 0.40 %
Styrene Butadiene (SBR Latex)	0.15 – 0.40 %
Other polymer emulsions	0.15 - 0.40 %

LEATHER

The weight of PREVENTOL CMK-Na Preservative used is based on total weight of the product to be protected. PREVENTOL CMK-Na Preservative must be metered directly into the products to be preserved following the concentrations as indicated above. Stir to ensure rapid and even distribution of the preservative throughout the products.

In the case of chrome leather, an effective protection against mold attack is obtained by incorporation of PREVENTOL CMK-Na Preservative into the basifying solution

EFFECTIVE CONCENTRATION

Pickle solutions and pickled hides	0.25 – 0.40 %
Chrome leather (on pelt weight)	0.15 – 0.35 %
Leather pasting adhesives	0.10 – 0.20 %
Leather pigment finishes	0.30 – 0.65 %

METAL WORKING FLUIDS

PREVENTOL CMK-Na Preservative is incorporated into the original concentrate of metalworking fluids. Compatibility of the between the preservative and metalworking fluid should be evaluated before formulation. PREVENTOL CMK-Na Preservative is equally suitable for tank side addition.

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

EFFECTIVE CONCENTRATION

Straight oils (Mineral-oil based)	
(concentrates)	2.00 – 5.00 %
(ready for use)	0.20 – 0.50 %
Soluble oils (oil emulsions)	
(concentrates)	1.6 – 4.8 %

	(ready for use)	0.08 – 0.48 %
Semi-synthetic (oil emulsions)	(concentrates)	1.6 – 4.8 %
	(ready for use)	0.08 – 0.48 %
Synthetic (oil emulsions)	(concentrates)	1.6 – 4.8 %
	(ready for use)	0.08 – 0.48 %

MATERIALS IN THE PRINTING INDUSTRY

The weight of PREVENTOL CMK-Na Preservative used is based on total weight of the product to be protected. Meter PREVENTOL CMK-Na Preservative directly into the products to be preserved following the concentrations as indicated below. Stir well to ensure rapid and even distribution of the preservative throughout the products.

EFFECTIVE CONCENTRATION

Inks	0.10 – 0.35 %
Fount solutions	0.10 – 0.35 %
Printing pastes	0.30 – 0.50 %
Other printing materials and auxiliaries	0.10 – 0.50 %

MATERIALS IN THE BUILDING INDUSTRY

The weight of PREVENTOL CMK-Na Preservative used is based on the total weight of the product to be preserved. The preservative is 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, the product must be stirred to ensure homogeneous distribution of the preservative throughout the product.

EFFECTIVE CONCENTRATION

Joint cements materials	0.15 – 0.40 %
Bitumen emulsions	0.25 – 0.65 %
Concrete additives	0.35 – 0.65 %
Other materials and auxiliaries	0.20 – 0.65 %

MATERIALS IN THE COATINGS INDUSTRY

The weight of PREVENTOL CMK-Na Preservative used is based on the total weight of the coating material. The preservative is 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, the product must be stirred to ensure homogeneous distribution of the preservative throughout the product.

EFFECTIVE CONCENTRATION

Dyestuff paste, knifing fillers and plastic putty	0.15 - 0.30 %
Casein based coatings	0.35 – 0.65 %
Synthetic resin dispersions	0.15 – 0.40 %
Other auxiliaries and coating materials	0.15 – 0.65 %

MATERIALS IN THE PAPER INDUSTRY

PREVENTOL CMK Na is metered directly into the products to be preserved. The following the concentrations must be observed. If necessary, pre-dissolution in water is easily possible due to good water solubility of the preservative. Stir well to ensure rapid and even distribution of the preservative throughout the entire product.

EFFECTIVE CONCENTRATION

Filler suspensions and coating compounds	0.10 – 0.35 %
Rosin paper sizes	0.20 – 0.40 %
Starch slurries	0.20 – 0.50 %
Other materials and auxiliaries	0.10 – 0.50 %

MATERIALS IN THE TEXTILE INDUSTRY

PREVENTOL CMK Na is metered directly into the products to be preserved. The following the concentrations indicated below must be observed. If necessary, pre-dissolution in water is possible due to good water solubility of the preservative. Stir well to ensure rapid and even distribution of the preservative throughout the entire product.

In the production of dry printing thickeners, PREVENTOL CMK-Na Preservative must be added toward the end of thickening to minimize any losses of active substance.

EFFECTIVE CONCENTRATION

Printing thickeners (liquid)	0.20 – 0.30 %
Printing thickeners (solid)	1.00 – 4.00 %
Sizes and finishing agents	0.20 – 0.40 %
Yarn humidifiers	0.15 – 0.35 %
Other materials and auxiliaries	0.15 – 0.40 %

MATERIALS IN THE OIL INDUSTRY

The weight of PREVENTOL CMK-Na Preservative used is based on the total weight of the product to be preserved. Stir well to ensure rapid and even distribution of the preservative throughout the product. In the production of dry products, Preventol CMK-Na Preservative must be added toward the end of thickening to minimize any losses of active substance.

EFFECTIVE CONCENTRATION

Biopolymers, solid (starch, xanthan, galactomannan etc.)	1.00 – 4.00 %
Biopolymers, liquid (drilling muds)	0.15 – 0.40 %
Other materials and auxiliaries	0.15 – 0.40 %

PIGMENT SLURRIES

The weight of PREVENTOL CMK-Na Preservative 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, the product must be stirred to ensure homogeneous distribution of the preservative throughout the product.

EFFECTIVE CONCENTRATION

(Kaolin-, Calcium carbonate-Talcum-,Iron oxide etc.)	
Kaolin slurry	0.025 – 0.125 %
Calcium carbonate slurry	0.020 – 0.10 %
Talcum slurry	0.025 – 0.125 %
Iron oxide slurry	0.020 – 0.125 %

ADDITIONAL MATERIALS

The concentration of PREVENTOL CMK-Na Preservative 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	0.20 – 0.60 %
Protein solutions	0.30 – 0.50 %
Ceramic glazes	0.20 – 0.30 %
Fire extinguishing materials	0.20 – 0.50 %
Cleaning solutions, detergents	0.15 – 0.30 %

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