

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



Office of Pesticide Programs

JUN 12 2008

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

Attention: Deborah Vercek
Senior Regulatory Affairs Specialist

Subject: Metasol TK-100
EPA Registration No.39967-33
Amendment Dated June 3, 2008

This will acknowledge receipt of your notification to update label statements reflecting the approved and non-approved uses in California, submitted under the provisions of FIFRA Section 3(c)(9). Based on a review of the submitted material, the following comments apply.

The Notification is in compliance with PR Notice 98-10 and is acceptable. This information has been made a part of your file.

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

Sincerely

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

LANXESS

Energizing Chemistry

June 3, 2008

Deborah A. Vercek
Material Protection Products
Regulatory Affairs
111 RDC Park West Drive
Pittsburgh, PA 15275-1112

Phone 412-809-3709
Fax 412-809-1068
Deborah.vercek@lanxess.com
www.US.LANXESS.com

VIA COURIER

Document Processing Desk (NOTIF)
Attn: Mr. Marshall Swindell (33 Antimicrobial Division)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

**RE: Products: Metasol TK-100
Registration #: 39967-33
Label Change Notification**

Dear Mr. Swindell:

Enclosed is a notification regarding our Metasol TK-100 label. This is a notification to update the "Not for Use in California Statement". We have also added several asterisks to the label to highlight the uses not approved in California.

Specifically enclosed is:

- Application form (EPA Form 8570-1)
- One (1) label highlighting the proposed additions
- Five (5) copies of the proposed label

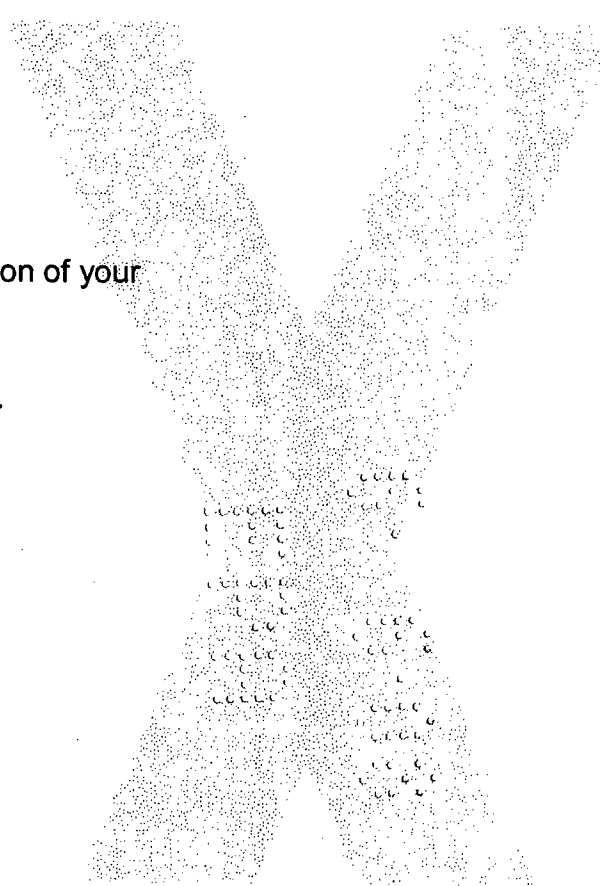
Please provide me with a stamped label at the completion of your review.

Please contact me at 412-809-3709 with any questions.

Sincerely,



Deborah A. Vercek
Regulatory Affairs Specialist



United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Notification	OPP Identifier Number
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Application for Pesticide - Section I

1. Company / Product (Name) 39967-33	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company / Product (Name) METASOL TK-100	PM# 33	
5. Name and Address of Applicant (include ZIP Code) <u>LANXESS Corporation</u> <u>111 RIDC Park West Drive</u> <u>Pittsburgh, PA 15275-1112</u> <input type="checkbox"/> Check of 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

<input type="checkbox"/> Amendment - Explain Below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

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

Notification to update label statements reflecting the approved and non-approved uses in California. This notification is consistent with the provisions consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 101 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Contact Name: Deborah Vercek / Fax number 412-809-1068 / E-mail: deborah.vercek@lanxess.com

Section - III

1. Material This Product Will Be Packaged In:						2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package Wgt	No. per container	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container			4. Size(s) retail Container		5. Location of Label Directions		
6. Manner in Which Label is affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glues <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary. To process this application.		
Name Deborah Vercek	Title Sr. Regulatory Affairs Specialist	Telephone No. (Include Area Code) 412-809-3709
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
2. Signature 	3. Title Sr. Regulatory Affairs Specialist	
4. Typed Name Deborah Vercek	5. Date 6-3-08	

METASOL® TK-100

TO INHIBIT THE GROWTH OF MOLD AND MILDEW ON ADHESIVE FILMS*, SEALANTS*, GROUT*, PAINT FILMS, PAPER PRODUCTS*, HEATING AND COOLING SYSTEM FILTERS AND/OR ROOM AIR CLEANERS/PURIFIERS*, PLASTICS* AND NATURAL* AND SYNTHETIC* FIBERS.

ACTIVE INGREDIENT: 2-(4-Thiazolyl)Benzimidazole -----99.5%
 INERT INGREDIENTS -----0.5%
 TOTAL -----100%

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes and clothing. Avoid breathing dust. Wear chemical resistant gloves, eye protection, long sleeved shirt, long pants, shoes, and socks when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. User should remove clothing/PPE immediately if pesticide gets inside or after handling this product. Wash the outside of gloves before removing. Wash thoroughly and put on clean clothing. Wash contaminated clothing before reuse.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep container closed when not in use.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

PLASTIC CONTAINERS: Do not reuse container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Dispose of plastic liner and metal drums as per instructions below.

METAL CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

When the water-soluble bags have been removed, dispose of corrugated box in a sanitary landfill, by incineration, or, if allowed by State and Local Authorities, by burning. If burned, stay out of smoke.

ENVIRONMENTAL HAZARDS

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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

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 a poison control center or doctor. Do not give anything 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 eyes 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 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 treatment advice.

Have the product container or label with you when calling a poison control center or when going for treatment.

IN CASE OF EMERGENCY, CALL: CHEMTREC 800-424-9300

EPA REGISTRATION NUMBER: 39967-33

EPA ESTABLISHMENT NUMBER:

INTERNATIONAL 703-527-3887

Net Contents:

Lot No.:

TYPICAL LEVELS OF USE

The following ranges for specific product applications are based on total formulation weight. Exact levels will depend on individual formulation components, production procedures, storage time, and environmental conditions, and should be determined by laboratory testing.

Effective Product Application Concentration	
Adhesives	0.05 - 0.15%
Paints	
Exterior	0.05 - 0.4%
Interior	0.01 - 0.1%
Paper Products*	0.02 - 0.1%
Sealants*	0.01 - 0.1%
Grout*	0.05 - 0.8%
Canvas Textiles*	0.05 - 0.3%
Nylon Carpeting*	0.05 - 0.5%
Air filters (heating & cooling filters) and/or room air cleaner/purifiers*	
	0.1 - 0.5%
Plastics*	
Vinyl chloride or Urethane	0.1 - 0.3%
Polypropylene, Polyethylene, or Nylon	0.2 - 0.3%

*Metasol is a registered trademark of LANXESS Corporation.

Product manufactured in India

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

ADHESIVE FILMS: Normal TK-100 dosages for adhesives range from 0.05 to 0.15%. METASOL TK-100 can be incorporated with the makeup water. Other LANXESS preservatives should be incorporated into the aqueous adhesive formulations to inhibit in-can microbial degradation during shelf storage. METASOL TK-100 should not be used where the treated adhesive comes in contact with food packaging materials or on food contact surfaces. **PAINT FILMS:** Normal TK-100 dosages for exterior paints range from 0.05 up to 0.4%. In interior paints, dosages range from 0.01 up to 0.1%. METASOL TK-100 should be incorporated into the pigment grind phase of the paint making operation. Other LANXESS preservatives should be incorporated into latex paint formulations to inhibit any microbial degradation during shelf storage. **SEALANTS:** METASOL TK-100 should be incorporated into the sealant formulation to inhibit any microbial growth on the sealant or part coated by the sealant during the use of the part. **GROUT:** METASOL TK-100 should be added at concentrations ranging from 0.05% - 0.8% for superior preservation of a grout system. Add METASOL TK-100 to dry batch of grout material and blend for 3 minutes to achieve adequate long-term microbial protection. **PAPER PRODUCTS:** METASOL TK-100 is most efficiently applied via the size tub or water troughs. The tub-size or water-trough solutions should be adjusted to a pH below 4.0. The METASOL TK-100 should then be added with thorough agitation. The METASOL TK-100 should be applied at dosage levels from 0.02 to 0.1% based on the finished paper weight. For use in a coating color, the METASOL TK-100 should be added with agitation to the makeup water. METASOL TK-100 is a fungicide only. Other LANXESS preservatives should be incorporated into sizing solutions to inhibit any microbial degradation during shelf storage. **NOTE:** METASOL TK-100 should be used only for the manufacture of non-food grade paper products. METASOL TK-100 has not been cleared for use in paper or paperboard products intended for use in contact with food. **AIR FILTERS (heating & cooling filters and/or room air cleaners/purifiers):** For protection against mold and mildew, METASOL TK-100 may be incorporated directly into the melt. METASOL TK-100 may also be added with moderate agitation to the latex binder before spraying onto the web. Dosage concentrations in either case range from 0.1 to 0.5% based on total weight of the formulation. **PLASTICS:** Add to master batch after melting pellets. Allow time for uniform mixing before injection. METASOL TK-100 should not be used where treated plastic comes in contact with food packaging materials or on food contact surfaces. **CANVAS TEXTILES:** The simplest treatment method is to prepare a trough with water at pH 3-4 and then to add the METASOL TK-100 to obtain the desired concentration. The fabric is passed through the solution until the proper amount of solution is absorbed onto the fabric. A wetting agent may be used to aid the solution in penetrating the fabric. The METASOL TK-100 should be applied at dosage levels from 0.05 to 0.3% based on finished fabric weight. The amount necessary to provide the desired protection against mold and mildew can then be determined. If deposition of METASOL TK-100 onto the canvas is desired, a subsequent wash with a 1% soda ash solution will suffice. This can be followed by normal processing steps of the canvas textile. METASOL TK-100 should be used for manufacture of canvas textiles only, such as tents and awnings. **NYLON CARPETING:** Using conventional methods such as spin finish or melt blending, apply 0.05 (spin finish) to 0.5% (melt blending) of METASOL TK-100 based on total weight of the material being used.

Not to be used in the State of California

LANXESS

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

LABEL TEXT DATE: drafted 6/3/08

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