

39967-30

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8-8-2007 ○

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

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

AUG 8 2007

Attention: Heather Collins

Subject: Label Notification
Metasol TK-100 Dispersion W
EPA Registration No. 39967-30
Amendment Letter dated June 15, 2007

This will acknowledge receipt of your notification for the aforementioned product label, submitted under the provisions of FIFRA Section 3(c) (9). Based on a review of the submitted material, the following apply:

- Remove the statement "Metasol TK-100 Dispersion W is a water-soluble acidic salt solution. If the pH of this solution is raised above 4, the salt reverts to the insoluble 2-(4-thiazolyl) benzimidazole that will participate. The 2-(4-thiazolyl)benzimidazole is stable and active under a wide variety of pH conditions ranging from highly alkaline to highly acidic. However, once precipitation occurs, pick-up will be poor"

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 Demson Fuller at (703) 308-8062.

Sincerely,

A handwritten signature in black ink, appearing to read "M Swindell".

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

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LANXESS

Energizing Chemistry

June 15, 2007

VIA COURIER

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

Heather F. Collins
Material Protection Products
Regulatory Affairs
111 RIDC Park West Drive
Pittsburgh, PA 15275-1112

Phone 412-809-3595
Fax 412-809-1088
heather.collins@lanxess.com
www.US.LANXESS.com

**RE: Metasol TK-100 Dispersion W
EPA Registration No. 39967-30
Label Notification**

Dear Mr. Swindell:

Enclosed is a notification to remove the second through fifth sentences under the "Paper Products" section on the Metasol TK-100 Dispersion W label (EPA Reg. No. 39967-30). The statement claims that Metasol TK-100 Dispersion W is a water-soluble acidic salt solution, when in fact it is a paste.

Statement to be removed:

"Metasol TK-100 Dispersion W is a water-soluble acidic salt solution. If the pH of this solution is raised above 4, the salt reverts to the insoluble 2-(4-thiazolyl)benzimidazole that will precipitate. The 2-(4-thiazolyl)benzimidazole is stable and active under a wide variety of pH conditions ranging from highly alkaline to highly acidic. However, once precipitation occurs, pick-up will be poor."

Specifically enclosed are:

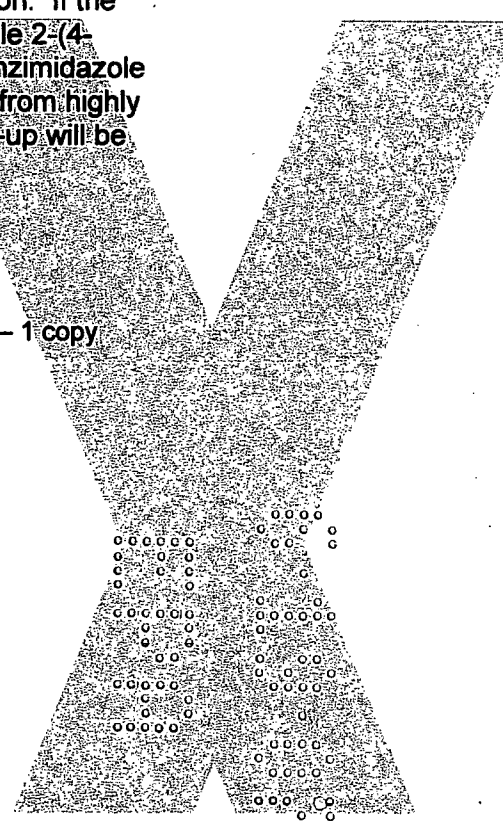
1. Application form (EPA Form 8570-1)
2. Current label highlighting the removed statement (dated 11/01/04) – 1 copy
3. Proposed label (dated 6/15/2007) – 5 copies

Please feel free to contact me at 412-809-3595 with any questions.

Sincerely,



Heather F. Collins
Regulatory Affairs Specialist



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

1. Company / Product Number 39967-30	2. EPA Product Manager Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company / Product (Name) Metasol TK-100 Dispersion W	PM# 33	
5. Name and Address of Applicant (include ZIP Code) LANXESS Corporation 111 RIDC Park West Drive Pittsburgh, PA 15275-1112 <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 of the removal of text under the "Paper Products" section per PR Notice 98-10.

"This notification is 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 to this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 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."

Section - III

1. Material This Product Will Be Packaged in:

Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Unit Packaging wgt. No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Package Wgt No. per container	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)
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* Certification must be submitted

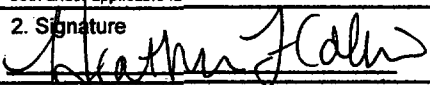
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) retail Container	5. Location of Label Directions
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6. Manner in Which Label is affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glues <input type="checkbox"/> Stenciled	<input type="checkbox"/> Other
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Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary. To process this application.)

Name Heather F. Collins	Title Regulatory Affairs Specialist	Telephone No. (Include Area Code) 412-809-3595
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<p style="text-align: center;">Certification</p> 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 (Stamped)
2. Signature 	3. Title Regulatory Affairs Specialist
4. Typed Name Heather F. Collins	5. Date 6/15/07

METASOL[®] TK-100 DISPERSION W

TO INHIBIT THE GROWTH OF MOLD AND MILDEW ON ADHESIVE FILMS, PAINT FILMS, PAPER PRODUCTS, AND NATURAL AND SYNTHETIC FIBERS AND COATINGS (INCLUDING HEATING AND AIR CONDITIONING SYSTEMS)

ACTIVE INGREDIENT: 2-(4-Thiazolyl)Benzimidazole 50.0%
 INERT INGREDIENTS 50.0%
 TOTAL 100%

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. Wear chemical resistant gloves and protective clothing when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feeds by storage or disposal.
PESTICIDE STORAGE: Keep container closed when not in use.
PESTICIDE DISPOSAL: Pesticide wastes are toxic. 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 label instructions, contact your State pesticide environmental control agency, or the hazardous waste representative at the nearest regional office for guidance.
CONTAINER DISPOSAL: Metal containers or Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or other procedures approved by state and local authorities. Plastic Containers: May be incinerated 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.

DIRECTIONS FOR USE

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

Adhesive Films: The following concentrations must be used to provide mildew control on water-based adhesive films. The concentrations are based on the total adhesive formulation weight. Metasol TK-100 Dispersion W can be incorporated with the make-up water or as a post-additive in adhesive production. Metasol TK-100 Dispersion W or other LANXESS preservatives should be incorporated into the aqueous adhesives formulation to inhibit in-can bacterial degradation during shelf storage.

Metasol TK-100 Dispersion W should not be used where the treated adhesive comes in contact with food packaging materials or on food contact surfaces. Testing should be conducted to assure compatibility with product formulation.

Adhesive Type	% Concentration Metasol TK-100 Dispersion W
Polyvinyl Acetate, Polyvinyl Alcohol, or Hydroxyethyl Cellulose	0.2 - 0.3
Styrene-Butadiene, Methyl Cellulose, Acrylic, Dextrin, Epoxy, or Polyester	0.1 - 0.2
Casein	0.3

KEEP OUT OF REACH OF CHILDREN CAUTION

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.

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 Material Safety Data Sheet (MSDS) with you when calling a poison control center or when going for treatment.

* Metasol is a registered trademark of LANXESS Corporation

Active ingredient manufactured in India

ACCEPTED
with COMMENTS
EPA Letter Dated

IN CASE OF EMERGENCY CALL: CHEMTREC 800-424-9300 INTERNATIONAL 703-527-3887
EPA REGISTRATION NUMBER: 39967-30
EPA ESTABLISHMENT NUMBER:

AUG - 8 2007

Net Contents:
Lot No.:

LANXESS

Under the Federal Insecticide, Fungicide, and Rodenticide Act as

amended for the registration of LANXESS Corporation registered under EPA Reg. No. 39967-30

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

DIRECTIONS FOR USE (continued)

Paint Films - Exteriors: Incorporate into the pigment grind phase of the paint-making operation. The following concentrations are recommended for mold-resistant exterior coatings. Metasol TK-100 Dispersion W or other LANXESS preservatives should be incorporated into latex paint and coating formulations to inhibit any bacterial degradation during shelf storage.

Paint/Coating System	Lb/100 Gal
PVA, Acrylic, Vinyl Acrylic, Zinc Oxide Pigmented Alkyl & Oil Paints	1.0 - 2.0
Alkyd Modified Latex	0.2 - 3.0
Zinc Oxide Pigmented Latex	0.5-1.5
Oil House Paint	2.0 - 3.0
Alkyd	2.0 - 4.0

Paint Films - Interiors: Incorporate with the TiO₂ in the pigment grind for all paint systems. Metasol TK-100 Dispersion W should not be used in coatings that come into direct contact with food. The following concentrations are recommended for mold-resistant interior coatings.

Interior Paint Systems (including heating & air conditioning systems)	Lb/100 Gal
TT-P-0029 Latex Flat	0.2 - 0.5
TT-P-650 Latex Primer	0.1 - 1.0
New York City Housing Authority Coatings	0.5 - 1.5
Sanitary Latex Semi-Gloss	0.5 - 2.0
Oleoresinous Interiors	1.0 - 2.0

Paper Products: Metasol TK-100 Dispersion W is most efficiently applied via the size tub or water trough. Metasol TK-100 Dispersion W is a water-soluble acidic salt solution. If the pH of this solution is raised above 4, the salt reverts to the insoluble 2-(4-thiazolyl)benzimidazole that will precipitate. The 2-(4-thiazolyl)benzimidazole is stable and active under a wide variety of pH conditions ranging from highly alkaline to highly acidic. However, once precipitation occurs, pick-up will be poor. The tub-size or water trough solutions should be adjusted to a pH below 4.0. The Metasol TK-100 Dispersion W should then be added with thorough agitation. It has been shown that the resulting pH has no adverse effects on the properties of the starch, equipment, or physical properties of the final product. The Metasol TK-100 Dispersion W should be applied at dosage levels from 200 to 1000 ppm active ingredient based on the finished paper weight.

For use in a coating color, the Metasol TK-100 Dispersion W should be added with agitation to the make-up water, although subsequent raising of the pH with the binder or alkali will precipitate the 2-(4-thiazolyl)benzimidazole. This precipitate will be evenly distributed throughout the coating color. The use of Metasol TK-100 Dispersion W in coating colors is recommended in addition to treatment of the base stock. Metasol TK-100 Dispersion W is a fungicide only. Metasol TK-100 Dispersion W or other LANXESS preservatives should be incorporated into sizing solutions to inhibit any bacterial 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.

Canvas Textiles: Metasol TK-100 Dispersion W is an effective product that has been used successfully in providing mold and mildew resistance to canvas textiles. The simplest treatment method is to prepare a trough with water at pH 3 - 4 and then add the Metasol TK-100 Dispersion W to obtain the desired concentration. The fabric is passed through the solution until the proper amount of solution is absorbed on the fabric. A wetting agent may be used to aid the solution in penetrating the fabric. The Metasol TK-100 Dispersion W should be applied at dosage levels from 500 to 3000 ppm active ingredient based on finished fabric. The amount necessary to provide the desired protection against mold and mildew can then be determined. If deposition of Metasol TK-100 Dispersion W onto the canvas is desired, a subsequent wash with 1% soda ash solution will suffice. This can be followed by normal processing steps of the canvas textile. Metasol TK-100 Dispersion W should be used for manufacture of canvas textiles only, such as tents and awnings.

Nylon Carpeting: Using spin finish application, add 0.10 - 0.4 % Metasol TK-100 Dispersion W based on total weight of the material being used.

LABEL TEXT DATE: 11/01/04

f/h