

39967-43

6/6/2012

1 of 4

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D C 20460



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

JUN - 6 2012

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

Attention Luanne Jeram  
Senior Regulatory Affairs Specialist

Subject Metasol TK-50 AD  
EPA Registration No 39967-43  
Notification Dated May 11 2012

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

**Proposed Amendment**

- To Add an Additional Production Location

**General Comments**

The Alternate Confidential Statement of Formula dated May 10, 2012 is acceptable

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

Sincerely

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

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

2014

<b>United States Environmental Protection Agency</b> Washington DC 20460		<input type="checkbox"/> Registration <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> Other	OPP Identifier Number
<b>Application for Pesticide - Section I</b>			
1 Company / Product Number 39967 43		2 EPA Product Manager Swindell	
4 Company / Product (Name) Metasol TK 50 AD		PM# 33 <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted	
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 <b>Expedited Review</b> 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 _____	
<b>Section - II</b>			
<input checked="" type="checkbox"/> Amendment Explain Below <input type="checkbox"/> Resubmission in response to Agency letter dated _____ Notification Explain below		<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> Me Too Application <input type="checkbox"/> Other Explain below	
<b>Explanation Use additional page(s) if necessary (For section I and Section II)</b> Addition of Alternate Confidential Statement of Formula (#5) Adding a production site Not subject to PRIA			
<b>Section - III</b>			
1 Material This Product Will Be Packaged In			
Child Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Certification must be submitted</b>	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) _____
3 Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4 Size(s) retail Container	
6 Manner in Which Label is affixed to Product		5 Location of Label Directions	
		<input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glues <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____	
<b>Section - IV</b>			
1 Contact Point (Complete items directly below for identification of individual to be contacted if necessary To process this application )			
Name Luanne Jeram		Title Head Regulatory Affairs MPP NA	Telephone No (Include Area Code) 412 809 4773
<b>Certification</b> 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 Head Regulatory Affairs MPP NA	
4 Typed Name Luanne Jeram		5 Date 5/11/12	

# LANXESS

[illegible]

# METASOL® TK-50 A.D.

INHIBITS MILDEW AND MOLD ON INTERIOR AND EXTERIOR PAINTS STAINS ADHESIVE FILMS SUCH AS WALLPAPER ADHESIVES GROUT

PAPER PRODUCTS AND NATURAL & SYNTHETIC FIBERS

ACTIVE INGREDIENT 2 (4-Thiazoly)Benzimidazole  
INERT INGREDIENTS  
TOTAL

50%  
50%  
100%

## KEEP OUT OF REACH OF CHILDREN

### CAUTION

#### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION** Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wear eye protection, long sleeved shirt, long pants, shoes, socks and chemical resistant gloves (such as made out of any waterproof material, selection category A). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Do not contaminate water by cleaning of equipment or disposal of wastes.

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.  
**PESTICIDE STORAGE:** Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticide, fertilizers, food and feed. Store in the original container and out of the reach of children, preferably in a locked storage area. Keep container closed when not in use.  
**PESTICIDE DISPOSAL:** Pesticide wastes are a toxic, improper disposal of excess pesticide or mislabeled wastes 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. **MFLA 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. **PLASTIC CONTAINERS:** Dispose of as for metal containers. May also be incinerated or if allowed by state and local authorities, by burning. If burned, stay out of smoke. **FOIL OUTER POUCHES OF WATER SOLUBLE PACKETS (WSP):** Offer for recycling, if available, or dispose of the empty outer foil pouch in the trash as long as WSP is unopened. **POUCHES and DISPENSER** are stable during normal shipping, handling and storage conditions, even when exposed to freezing and may be disposed in approved waste facilities.

#### 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 (Containers smaller than 5 gallons). Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

IN CASE OF EMERGENCY CALL CHEMTREC 800 424 9300

EPA Reg No. 39967-43

EPA Est. No.

# LANXESS

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

#### 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 eye open and add small amounts of water for 15-20 minutes. Remove contact lenses if present after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Metasol is a registered trademark of LANXESS Corporation.  
Active ingredient manufactured in India.

Mix well before using this product.

This Product Contains 10 Lbs Metasol TK 50 A.D. Per Gallon

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.  
**Paper Products:** Metasol TK 50 A.D. is most efficiently applied via the tub or water trough. The tub-size or water trough solutions should be adjusted to a pH below 4.0. The Metasol TK 50 A.D. should then be added with thorough agitation. Effective dosage levels will range from 0.01 to 0.2% Metasol TK 50 A.D. based on the finished paper weight.  
**NOTE:** Metasol TK 50 A.D. is a fungicide only. Other LANXESS preservatives should be incorporated into sizing solutions to inhibit any microbial degradation during shelf life. Metasol TK 50 A.D. should only be used for non-food grade paper products.  
**Canvas Textiles:** The simplest treatment method is to prepare a trough with water at pH 3-4 and then add the Metasol TK 50 A.D. 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 50 A.D. should be applied at dosage levels from 0.1 to 0.6% 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 50 A.D. 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 50 A.D. should be used for manufacture of canvas textiles only such as tents and awnings.  
**Nylon Carpeting:** Using conventional methods such as spin finish application or melt blending apply 0.05% (spin finish) to 0.5% (melt blending) of Metasol TK 50 A.D. based on total weight of the material being used.  
**Grouts:** Metasol TK 50 A.D. should be added at concentration ranging from 0.10 to 1.6% for superior preservation of a grout system.

INTERNATIONAL 703 527 3887

Net Contents

Lot No.

Films: Metasol TK 50 A.D. is a fungicide which prevents mold and mildew for all paint stains and adhesive films. Metasol TK 50 A.D. blends easily into all standard latex, Type I & II Base Paints Coating & Adhesive Formulations.

**Interior and Exterior Paints:** Metasol TK 50 A.D. can be added at any stage in the formulation provided there is sufficient agitation to properly disperse it throughout the finished product. Levels will range from 0.01 to 0.8% by weight of Metasol TK 50 A.D. depending on the application. This can be determined by laboratory evaluation using the following guidelines:

Paint	Adhesives
Interior Latex Based	Latex Based
Exterior Latex Based	Starch Based
Exterior Zinc Oxide Latex	Dextrin Based
	Casein Based

#### Paper Products

Based on Finished Paper Weight 0.01 - 0.20%

Natural and Synthetic Fiber

Canvas Textiles 0.10 - 0.60%

Nylon and Other Synthetics 0.10 - 0.80%

#### Paint Dispenser (64 fluid ounces treats 215 gallons of paint or stain)

(1) Metasol TK 50 A.D. Dispenser is calibrated to so that when fully pressed down, it will release sufficient midweight to treat one (1) gallon of paint. To treat five gallons of paint the dispenser will need to be pressed down and released five (5) times and so on. Shake or stir thoroughly then use the paint as directed by the manufacturer. Surfaces to be painted or papered should be cleaned thoroughly with an appropriate cleaner according to manufacturer instructions. Note that this dispenser provides effective protection for normal painted surfaces. For extremely damp areas prone to mildew, two pumps should be used and for New York housing authority specifications 3-4 pumps depending on the protection needed. (2) Metasol TK 50 A.D. can be dispensed into paint via automated metering systems used in the paint plant. Metering systems will deliver 0.3 fluid ounces of Metasol TK 50 A.D. per dispensing to a gallon of paint. To treat five gallons of paint the metering system would need to be activated five (5) times, and so on. Shake or stir thoroughly then use the paint as directed by the manufacturer. Surfaces to be painted or papered should be cleaned thoroughly with an appropriate cleaner according to manufacturer instructions. NOTE: This metering system provides effective protection for normal painted surfaces. For extremely damp areas prone to mildew, the metering system would need to be activated two (2) times. For New York housing authority specifications 3-4 applications depending on the protection needed.

**Paint Pouch (50 grams):** Add contents (50 grams) to fill (5) gallons of paint, stain or wallpaper adhesive. Shake or stir thoroughly then use paint as directed by the manufacturer. Surfaces to be painted or papered should be cleaned thoroughly with an appropriate cleaner according to manufacturer instructions. Note that this dispenser provides effective protection for normal painted surfaces. For extremely damp areas prone to mildew, two pouches should be used and for New York housing authority specifications 3-4 pouches depending on the protection needed.

**Paint Pouch (10 grams):** Add contents (10 grams) to one (1) gallon of paint, stain or wallpaper adhesive. Shake or stir thoroughly then use paint as directed by the manufacturer. Surfaces to be painted or papered should be cleaned thoroughly with an appropriate cleaner according to manufacturer instructions.

Note that this dispenser provides minimum effective protection for normal painted surfaces. For extremely damp areas prone to mildew, two pouches should be used and for New York housing authority specifications 3-4 pouches depending on the protection needed.

Note: Do not use for any paint applications involving direct or indirect food or drinking water contact (Not to be used in the State of California to preserve Canvas Textiles or Grouts)

NOTIFICATION  
Date Reviewed 6/6/10  
Reviewed By M. Ferry

LABEL TEXT DATE 3/15/2010

4 of 4