

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

**Bayer Chemical Corporation**  
100 Bayer Road Bldg.5  
Pittsburgh, PA 15205-9741

AUG 25 2004

Attention: Stan Oslosky

Subject: **Metasol TK-50 AD**  
EPA Registration No. 39967-43  
Amendment Application Date: August 12, 2004  
EPA Received Date: August 12, 2004

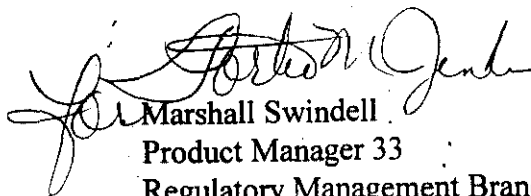
This will acknowledge receipt of your notification, submitted under the provisions of FIFRA section 3 (c) 9. Based on a review of the material, the following comment apply.

This application is acceptable and has been made a part of the records for this file.

- Add surface preparation to the use instructions.

If you have any comments or questions concerning this letter please contact me at (703) 308-6341 or Portia Jenkins at (703) 308-6230.

Sincerely,



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

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

33  
August 13, 2004

Mr. Marshall Swindell (PM # 33)

**Document Processing Desk**

Office of Pesticide Programs (7504C)  
Room 266A, Crystal Mall 2  
U.S. Environmental Protection Agency  
1921 Jefferson Davis Highway  
Arlington, VA 22202-4501

**LANXESS Corporation**  
Product Safety and  
Regulatory Affairs  
100 Bayer Road  
Pittsburgh, PA 15205-9741  
www.US.LANXESS.com

**RE: Metasol TK-50 AD**  
EPA Registration No. 39967-43


Dear Mr. Swindell,

Enclosed is a notification of corrections made to the Metasol TK-50 AD label. I have included the following items:

- EPA Form 8570-1 for Metasol TK-50 AD
- Five (5) copies of the new revised Metasol TK-50 AD label (one with the corrections highlighted)

Please let me know if there is anything further that you need.

Sincerely,

  
Stan Oslosky  
HES, Principal



Read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95

3/5



United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number 39967-43	2. EPA Product Manager Marshall Swidell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product Name Metasol TK-5C AC	PM# 33	
5. Name and Address of Applicant (Include ZIP Code) Bayer Chemical Corporation 100 Bayer Road Bldg. 5 Pittsburgh, PA 15205-9741 <input type="checkbox"/> Check if 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.)

To clarify several applications and to add surface preparation to the use instructions.

"This notification is consistent with the provisions of PR Notice 95-2 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of 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 95-2 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:				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		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> Product Information Bulletin	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <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 Stan Oslosky		Title HES, Principal		Telephone No. (Include Area Code) (412) 777-2548	
<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 HES, Principal			
4. Typed Name Stan Oslosky		5. Date 8/12/04			

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC  
ANIMALS**

**CAUTION.**

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling. Do not contaminate water by cleaning of equipment or disposal of wastes.

**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 locked storage area.

**PESTICIDE DISPOSAL**

Pesticide wastes are toxic. Improper disposal of excess pesticide, 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 or Environmental Control Agency, or the hazardous waste representative at the nearest EPA Regional Office for guidance

**CONTAINER DISPOSAL** Do not reuse empty container.

**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.

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

**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.



**Bayer Chemicals**

**METASOL® TK-50 AD**

INHIBITS MILDEW AND MOLD ON INTERIOR AND EXTERIOR PAINTS, STAINS, ADHESIVE FILMS, SUCH AS WALLPAPER, ADHESIVES, PAPER PRODUCTS, AND NATURAL AND SYNTHETIC FIBERS

**ACTIVE INGREDIENT:**

2-(4-Thiazolyl) Benzimidazole .....50 %

INERT INGREDIENTS.....50 %

This Product Contains 10 Lbs/ Metasol TK-50 AD Per Gallon

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**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 first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.**

**IN CASE OF EMERGENCY, CALL: CHEMTREC 800-424-9300  
INTERNATIONAL (703)-527-3887**

EPA Reg. No. 39967-43

Net contents:

**BAYER CHEMICALS CORPORATION**

**100 Bayer Road  
Pittsburgh, PA 15205**

Active ingredient manufactured in India.

**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 gallon)

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

**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 AD 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 AD should then be added with thorough agitation. Effective dosage levels will range from 0.04 to 0.2% Metasol TK-50 AD, based on the finished paper weight.

**Note:** Metasol TK-50 AD is a fungicide only. Other Bayer Chemicals preservatives should be incorporated into sizing solutions to inhibit any microbial degradation during shelf life. Metasol TK-50 AD 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 AD 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 AD 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 AD 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 AD 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 AD based on total weight of the material being used.

**FILMS - Metasol TK-50 AD is a fungicide which prevents mold and mildew for all paint and stains and adhesive films. Metasol TK-50 AD blends easily into all standard Latex Type and Oil Base Paint, Coating and Adhesive Formulations.**

## For use in interior or exterior paints

Metasol TK-50 AD 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 AD depending on the application. This can be determined by laboratory evaluation using the following guidelines:

### Paint

Interior latex Based paint	0.02 - 0.15%
Exterior Latex Based Paint	0.05 - 0.30%
Exterior Zinc Oxide latex Paint	0.03 - 0.20%

### Adhesives

Latex Based Adhesives	0.05 - 0.30%
Starch Based Adhesives	0.10 - 0.60%
Dextrine Based Adhesives	0.10 - 0.60%
Casein Based Adhesives	0.30 - 0.80%

### Paper Products

Based on Finished Paper Weight	0.01 - 0.20%
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### 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)

The Tiabendazole Dispersion W Dispenser is calibrated to so that when fully pressed down, it will release sufficient mildewicide 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 apply as directed by 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 area prone to mildew, two pumps should be used and for New York housing authority specifications 3-4 pumps depending on the protection needed.

## Paint Pouch (50 grams)

Add contents (50) grams to five (5) gallons of paint or stain. Shake or stir thoroughly, then apply as directed by 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 area 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) gallons of paint, stain or wallpaper adhesive. Shake or stir thoroughly, then apply as directed by 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 area prone to mildew, two pumps should be used and for New York housing authority specifications 3-4 pumps depending on the protection needed.

### Note:

Do not use for any paint applications involving direct or indirect food or drinking water contact.

NOTICE TO BUYER: Seller's guarantee shall be limited to the terms set out on the label and subject thereto. The buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

\* Metasol is a registered trademark of Bayer Chemicals Corporation