

1706-196

11/07/2002

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

NOV 07 2002

Claude Wolf
Ondeo Nalco
One Nalco Center
Naperville, IL 60563

**Subject: Metasol TK-100
EPA Reg. No. 1706-196
Your Notification Dated 10/13/02**

The Notification referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, to add a use for treating air filters contained in "Room Air Cleaners/Purifiers", is acceptable.

Your notification has been made a part of the permanent records for this file

If you have any questions about the comments in this letter, please feel free to contact Tony Kish at 703-308-9443, or myself at 703-308-6341.

Sincerely,

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

CONCURRENCES

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RNAME							
TE							

NOTIFICATION

Please read instructions on reverse before completing form.

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

	United States	<input type="checkbox"/> Registration	OPP Identifier Number 259203
	Environmental Protection Agency	<input type="checkbox"/> Amendment	
	Washington, DC 20460	<input checked="" type="checkbox"/> Other	

Application for Pesticide - Section I

1. Company/Product Number 1706-196	2. EPA Product Manager SWINDELL	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) METASOL TK-100	PM# TEAM 33	
5. Name and Address of Applicant (Include ZIP Code) ONDEO NALCO COMPANY ONDEO NALCO CENTER NAPERVILLE, IL 60563-1198 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(ii), 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.) Addition of room Air Cleaners/Purifiers to the recently accepted Air Filter/heating/cooling use pattern. This notification is consistent with the provisions of PR notice 98-10 and EPA regulations at 40CFR152.46, 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 98-10 and 40CFR152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Section 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
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
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, 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 CLAUDE H. WOLF	Title Product Registration & FDA Compliance Manager.	Telephone No. (Include Area Code) (630) 305-1453

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 (Stamped)
2. Signature 	3. Title Product Registration & FDA Compliance Manager	
4. Typed Name CLAUDE H. WOLF	5. Date OCTOBER 13, 2002	

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

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.

STORAGE AND DISPOSAL

Keep container closed when not in use. 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.

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%
Canvas Textiles	0.05 - 0.3%
Nylon Carpeting	0.05 - 0.5%
Air filters (heating & cooling fibers) and/or room air cleaners/purifiers	0.1 - 0.5%
Plastics	
Vinyl chloride	0.1 - 0.3%
Polypropylene	0.2 - 0.3%
Polyethylene	0.2 - 0.3%
Nylon	0.2 - 0.3%
Urethane	0.1 - 0.3%

Revised: 10/14/02



METASOL® TK-100

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

ACTIVE INGREDIENT:

2-(4-Thiazolyl) Benzimidazole99.5 %

INERT INGREDIENTS.....0.5 %

TOTAL.....100.0%

**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 ambulances, 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 doctor, or going for treatment.

EPA Reg. No. 1706-196

EPA Est. No. 1706-PA-01

EPA Est. No. 067177-IND-002

Net contents shown elsewhere on container

ONDEO Nalco Company

Ondeo Nalco Center

Naperville, IL 60563-1198

EMERGENCY PHONE NO.: (800) 424-9300

Product manufactured in India

® Metasol is a registered trademark of Calgon Corporation

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 Nalco 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 Nalco preservatives should be incorporated into latex paint formulations to inhibit any microbial degradation during shelf storage.

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 Nalco 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 hot 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.

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