

PM 22

10445-114

12/1/96

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98



United States
Environmental Protection Agency
Washington, DC 20460 NOTIFICATION

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number
246268

Application for Pesticide - Section I

1. Company/Product Number 10445-114	2. EPA Product Manager Cynthia Giles-Parker	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Metasol TK-50 A.D.	PM# 22	
5. Name and Address of Applicant (Include ZIP Code) Calgon Corporation P.O. Box 1346 Pittsburgh, PA 15230 <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.)

Under the heading "films, . . . etc., change" levels will range from 0.04% to 0.8% to 0.01% to 0.8%.

NOTIFICATION

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"/> On Label <input type="checkbox"/> On Labeling accompanying product	
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 Stanley C. Oslosky	Title Mgr., Product Regulations	Telephone No. (Include Area Code) 412-494-8802
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 Mgr., Product Regulations	
4. Typed Name Stanley C. Oslosky	5. Date 11/12/96	

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PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION

DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT OR DISPOSAL OF WASTES.
WASH HANDS WITH SOAP AND WATER AFTER HANDLING.

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 LOCAL 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.

CONTAINER DISPOSAL - DO NOT REUSE EMPTY CONTAINER.

METAL CONTAINERS - TRIPLE RINSE (OR EQUIVALENT). THEN OFFER FOR RECYCLING OR RECONDITIONING, OR PI...TURE AND DISPOSE OF IN A SANITARY LANDFILL, OR BY OTHER APPROVED STATE AND LOCAL PROCEDURES.

PLASTIC CONTAINERS - DISPOSE AS FOR METAL CONTAINERS. MAY ALSO BE INCINERATED, OR IF ALLOWED BY STATE AND LOCAL AUTHORITIES, BY BURNING. IF BURNED, STAY OUT OF SMOKE.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

FILMS - EXTERIORS/INTERIORS (INCLUDING COATING FOR HEATING AND AIR CONDITIONING SYSTEMS)

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 ONLY 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%

NOTIFICATION

ADHESIVES

LATEX BASED ADHESIVE	0.05 - 0.30%
STARCH BASED ADHESIVE	0.10 - 0.60%
DEXTRINE BASED ADHESIVE	0.10 - 0.60%
CASEIN BASED ADHESIVE	0.30 - 0.80%

PAPER PRODUCTS

BASED ON FINISHED PAPER WEIGHT	0.01 - 0.20%
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NATURAL & SYNTHETIC FIBER

CANVAS TEXTILES	0.10 - 0.60%
NYLON AND OTHER SYNTHETICS	0.10 - 0.80%

(CONTINUED ON RIGHT PANEL)

METASOL TK-50 AD

TO INHIBIT THE GROWTH OF MOLD AND MILDEW ON ADHESIVE FILMS, PAINT FILMS, 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

EPA REGISTRATION No. 10445-114

EPA ESTABLISHMENT No. 10445-PA-01

CALGON CORPORATION
CALGON CENTER
POST OFFICE BOX 1346
PITTSBURGH, PA 15230

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 CALGON 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 A 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.

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.

FOR ADDITIONAL INFORMATION REGARDING INCIDENTS INVOLVING HUMAN AND ENVIRONMENTAL EXPOSURE, CALL (412) 494-8000 AND ASK FOR THE HEALTH AND ENVIRONMENTAL AFFAIRS DEPARTMENT.