
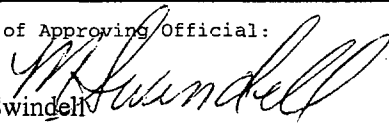


67071-49

08-17-2007

1/7

 <p align="center"><b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> Office of Pesticide Programs Antimicrobials Division (7510P) 1200 Pennsylvania Avenue NW Washington, D.C. 20460</p> <p align="center"><b>NOTICE OF PESTICIDE:</b> <u>  x  </u> Registration <u>      </u> Reregistration</p> <p>(under FIFRA, as amended)</p>	EPA Reg. Number: 67071-49	Date of Issuance: AUG 17 2007
	Term of Issuance: <b>Conditional</b>	
	Name of Pesticide Product: Acitcide MBS 5050	
Name and Address of Registrant (include ZIP Code): Geri Werdig Pesticide Registration Associates, D.C. Agent for Thor GmbH 715 Eighth Street, S.E., Suite 3 Washington, DC 20003-2861		
<p>Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</p> <p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(a) provided that you:</p> <ol style="list-style-type: none"> <li>Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.</li> <li>Make the labeling changes listed below before you release the product for shipment:           <ol style="list-style-type: none"> <li>Revise the EPA Registration Number to read "EPA Reg. No. 67071-49"</li> </ol> </li> </ol>		
Signature of Approving Official:  Marshall Swindell Product Manager Team-33 Regulatory Management Branch I Antimicrobials Division (7510P)	Date:  <p align="center">AUG 17 2007</p>	

Page 2

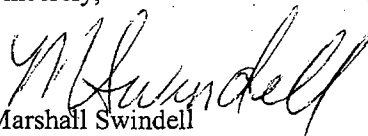
EPA Reg. No. 67071-49

- b. Under the *Precautionary Statement* section, in the **Hazards to Humans and Domestic Animals**, remove the entire statement. Insert the following language: "Corrosive. Causes irreversible eye damage. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Wear long sleeved shirt and long pants, socks, shoes, chemical-resistant gloves, and protective eyewear (goggles, face shield, and/or shielded glasses). 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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals".

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. Submit one (3) copy of your final printed labeling prior to release of this product for shipment. If you have any questions concerning this letter, please contact Demson Fuller at (703) 308-8062.

Sincerely,



Marshall Swindell  
Product Manager Team-33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

Enclosure: (Stamped Label)

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

AUG 17 2007

Container Label # MBS5050(a) 03/20/06

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 67071-49

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and wildlife. 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. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on this label.

**STORAGE AND DISPOSAL**

**Prohibitions:** This product is corrosive to mild steel. Do not store in unlined metal containers. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. 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:** Metal container: 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 container: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incinerator or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**U.S. PATENT NO. 6,361,788 B1**

**CONDITIONS OF SALE AND WARRANTY**

Thor GmbH warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label and labeling directions under normal conditions of use. THOR GMBH MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Handling, storage and use of the product by Buyer or User are beyond the control of Thor GmbH and Seller. Risks such as ineffectiveness or other unintended consequences resulting from, but not limited to, failure to follow label directions will be assumed by the Buyer or User. IN NO CASE WILL THOR GMBH OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

# ACTICIDE<sup>®</sup> MBS 5050

## AMBSO-1UNTA

Active Ingredients:	
1,2-Benzisothiazolin-3-one.....	5.00%
2-Methyl-4-isothiazolin-3-one.....	5.00%
Inert Ingredients:.....	90.00%
Total:.....	100.00%

ACTICIDE<sup>®</sup> MBS 5050 microbicide weighs 8.8 lb. per gallon.

## KEEP OUT OF REACH OF CHILDREN DANGER

See Side panel for additional precautionary statements

### 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 the first 5 minutes, then continue rinsing.

\*Call a poison control center or doctor for treatment advice.

**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 to by a poison control center or doctor.  
\*Do not give anything by mouth to an unconscious person.

**IF ON SKIN:**

\*Take off contaminated clothing.  
\*Rinse skin immediately with plenty of water for 15-20 minutes.  
\*Call a poison control center or doctor for treatment.

**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 further treatment advice.

**HOT LINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.



## Precautionary Statements: Hazards to Humans and Domestic Animals

CORROSIVE. CAUSES EYE DAMAGE AND SKIN BURNS. MAY CAUSE ALLERGIC SKIN REACTION. MAY BE HARMFUL IF INHALED. MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH THE SKIN. DO NOT GET IN EYES, ON SKIN, ON CLOTHING. WEAR GOGGLES OR FACE SHIELD AND RUBBER GLOVES WHEN HANDLING. AVOID BREATHING VAPOR OR SPRAY MIST. AVOID CONTAMINATION OF FOOD. DO NOT TAKE INTERNALLY. WASH THOROUGHLY AFTER HANDLING.

### DIRECTIONS FOR USE

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

Industrial microbicide for use in polymer latices\*, paints\* and coatings\*, building materials\*, adhesives\* and tackifiers\*, mineral slurries\*, additives for paper and paperboard\*, oil-in-water emulsions\*, aqueous products\*, household\*, consumer\*, industrial\*, and janitorial products\*, metal working fluids\*, and textiles/cordage products\* and textile/textile fibers-making\*. READ AND FOLLOW THE DIRECTIONS FOR USE ON THE ACCOMPANYING INFORMATION SHEET.

\*Not approved for use in the State of California

**EPA Reg. No.** 67071-XX  
**Manufactured For:** Thor GmbH  
D-67346 Speyer, Germany  
Tel. (06232) 6360

**U.S. Office:** Acti-Chem Specialties, Inc.  
56 Quarry Road, Trumbull, CT 06611  
USA Tel. (203) 365-6530

**EPA Est. No.** 67071-DEU-001

Batch:

Mfg Date:

Net Contents (pounds):

3/7

4/7

# ACTICIDE® MBS 5050 INFORMATION SHEET



**THIS ACTICIDE® MBS 5050 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE® MBS 5050**

## DIRECTIONS FOR USE

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

**\*PRESERVATIVE FOR LATICES:** ACTICIDE® MBS 5050 microbiocide is recommended for the control of bacteria and fungi in the manufacture and storage of synthetic and natural polymer latices (including process wash waters) including: acrylics, styrene-butadiene, carboxylated styrene-butadiene, ethylene-vinyl acetate and biopolymers intended for industrial use such as xanthan gum, gum arabic, guar gum, protein derived polymers, starches and casein derived polymers including latices for paper and paperboard. Add 0.05% to 0.25% ACTICIDE® MBS 5050 (0.5 – 2.5 lbs. to 1000 lbs. of emulsion).

**\*PRESERVATIVE FOR PAINTS AND COATINGS:** ACTICIDE® MBS 5050 microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in water based coatings such as paper and wood coatings and paints used for architectural product finishes and special purpose coatings. Add 0.05% to 0.25% ACTICIDE® MBS 5050 (0.5 – 2.5 lbs. to 1000 lbs. of paint, or coating fluid formulation or polymer latex).

**\*Special purpose coating uses:** Include use as a: <> preservative for electrodeposition paints or solutions, <> preservative for photoplatin solutions or coatings, <> preservative in fountain (or fountain) solutions used in the printing process as a maintenance fluid/coating and as a special coating for printing plates, and <> preservative in spin finish coatings for fibers. The application/addition directions for these special purpose coating uses are:

**\*Electrodeposition:** ACTICIDE® MBS 5050 microbiocide is recommended as a tankside additive for the control of bacteria, fungi, and algae in re-circulating electrodeposition systems and associated rinse systems. Alternately, ACTICIDE® MBS 5050 microbiocide may be added through the components of the electrodeposition paint prior to their addition to the electrodeposition system.

**Tankside Addition To Electrodeposition Systems:** ACTICIDE® MBS 5050 microbiocide should be dispensed into the recirculating rinse system, ultrafilter permeate, or final distilled rinse system at a point to insure uniform mixing. When the system is noticeably fouled, add up to 0.3% ACTICIDE® MBS 5050 microbiocide (based on the total gallons of fluid in the system). Repeat until control is achieved. When microbial control is evident, add up to 0.1% ACTICIDE® MBS 5050 (based on the total gallons of fluid in the system) weekly or as needed to maintain the system. A change of frequency of treatment may be required depending on the rate of dilution of the preservative with the makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.

**Treatment Of Electrodeposition Paint Components:** Initial Dose of Paint Components: ACTICIDE® MBS 5050 microbiocide should be added to the resin, pigment, or other component of the electrodeposition paint at a level to ensure that the final use-dilution fluid will contain no more than 250 ppm isothiazolones

ACCEPTED  
with COMMENTS

Information Sheet MBS5050(a) - 08/20/06  
Page 1 of 4

AUG 17 2007

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 67071-49

EPA Reg. No. 67071-XX

Manufactured For: Thor GmbH  
D-67346 Speyer, Germany  
Tel. (06232) 6360  
U.S. Office: Acti-Chem Specialties, Inc.  
56 Quarry Road, Trumbull, CT 06611  
USA  
Tel. (203) 365-6530

ACCEPTED  
with COMMENTS  
EPA Letter Dated:  
AUG 17 2007

ACTICIDE® MBS 5050  
INFORMATION SHEET

5/7  
**THOR**

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide, ACTICIDE® MBS 5050 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE® MBS 5050 registered under EPA Reg. No. 67071-49

**DIRECTIONS FOR USE**

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

**\*Photoplate Processing, Photo Processing, Fountain Solutions, And Ink/Ink**

**Components:** ACTICIDE® MBS 5050 microbiocide is recommended for the control of bacteria and fungi in photoplate processing such as stabilizer solutions and in fountain solutions. ACTICIDE® MBS 5050 microbiocide is recommended for water-based printing inks such as flexographic, gravure, screen and ink jet types. ACTICIDE® MBS 5050 microbiocide is recommended for the control of bacteria and fungi in printing ink components such as resins, plasticizers, water soluble dyes, pigments, gelling agents, waves, surfactants, and thickeners. ACTICIDE® MBS 5050 microbiocide should be added to achieve the recommended dosage range for ink, ink components, fountain solutions and photoplate processing chemicals of 0.05% to 0.25%-on a total weight basis. A level adjustment may be necessary to accommodate the slight change in solution formulations. Up to 250 lb ACTICIDE® MBS 5050 per 1,000 lbs of concentrate may be added to concentrates so long as the final use-dilution product contains not more than 250 ppm active ingredients.

**NOTE:** To insure uniform mixing, add ACTICIDE® MBS 5050 microbiocide to latex or solution slowly with agitation. The actual concentrations required will depend upon such factors as the specific substance to be treated, frequency of repeated microbial contamination expected and level of protection required.

**\*PRESERVATIVE FOR BUILDING MATERIALS:** ACTICIDE® MBS 5050 microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in building materials such as mastics, caulks, joint cements, spackles and grouts, and concrete admixtures. Add 0.05% to 0.25% ACTICIDE® MBS 5050 (0.5 - 2.5 lbs. to 1000 lbs. of fluid)..

**\*PRESERVATIVE FOR ADHESIVES AND TACKIFIERS:** ACTICIDE® MBS 5050 microbiocide is recommended as a preservative for the control of bacteria and fungi in water soluble and water dispersed adhesives such as animal glues, vegetable glues, natural rubber latices, polyvinyl acetate, styrene-butadiene and acrylic latices. ACTICIDE® MBS 5050 microbiocide is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins. Add 0.05% to 0.25% ACTICIDE® MBS 5050 (0.5 - 2.5 lbs. to 1000 lbs. of fluid).

**\*PRESERVATIVE FOR DISPERSED PIGMENTS (MINERAL SLURRIES):** ACTICIDE® MBS 5050 microbiocide is recommended for the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as refractory coatings, ceramic glazes, kaolin clay, montmorillonite clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate and kieselguhr. Add 0.015% to 0.15% ACTICIDE® MBS 5050 (0.15 - 1.5 lbs per 1000 lbs of dispersion).

**\*PRESERVATIVE FOR OIL-IN-WATER EMULSIONS:** ACTICIDE® MBS 5050 is recommended for use in spin-finish solutions used in the textile industry and photographic emulsions. Add 0.05% to 0.25% ACTICIDE® MBS 5050 (0.5 - 2.5 lbs. to 1000 lbs. of emulsion).

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

AUG 17 2007

ACTICIDE® MBS 5050  
INFORMATION SHEET

6/7  
**THOR**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the purpose of

**THIS ACTICIDE® MBS 5050 INFORMATION SHEET MUST ACCOMPANY EACH  
SHIPMENT OF ACTICIDE® MBS 5050**

**DIRECTIONS FOR USE**

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

**\*IN-CONTAINER PRESERVATIVE:** ACTICIDE® MBS 5050 is recommended as an in-container preservative for the control of bacteria and fungi in aqueous products such as aqueous emulsions and dispersions including stabilized oil/water emulsions, surface preparation compounds, foam control products, nutrient solutions and aqueous pesticides which includes, but is not limited to, insecticides, termiticides, fungicides, bactericides, algacides, herbicides, rodenticides [includes use as an in-container preservative for the control of bacteria and fungi in pesticide products for dilution (with a MIT level of not more than 9 ppm in the final solution) applied to crops and for use in pesticide formulations for use on food contact surfaces at rates described for in-container preservative category]. Add 0.025% to 0.25% ACTICIDE® MBS 5050 (0.25 – 2.50 lbs. per 1000 lbs. of aqueous product).

**\*HOUSEHOLD, \*CONSUMER, \*INDUSTRIAL, \*INSTITUTIONAL, \*JANITORIAL PRODUCTS:** For the control of bacteria and fungi in liquid and solid soaps, liquid and solid cleaners liquid and solid detergents, liquid and solid laundry products, liquid and solid dishwashing detergents, waxes, polishes liquid and solid fabric treatment/refresher products, liquid and solid air fresheners/deodorizers, car care products, and other similar cleaners. ACTICIDE® MBS 5050 may also be used for the control of bacteria and fungi in package utility products such as pre-moistened sponges and mops. ACTICIDE® MBS 5050 may also be used for the control of bacteria and fungi in solutions that are then put into/onto wet wipes for use in industrial, commercial, residential and household uses cited above. Wet wipes containing a solution preserved with this product may not be used for personal care, as baby wipes, or for food contact. ACTICIDE® MBS 5050 is added at a level of 0.006% to 0.2% (0.06 to 2.0 lb to 1000 lb of product to be protected).

ACTICIDE® MBS 5050 microbiocide may be added to those products formulated as concentrates which are in turn diluted for use at a level to ensure that the final use-dilution product will contain between 0.006% to 0.20% ACTICIDE® MBS 5050 microbiocide.

**\*PRESERVATIVE FOR METAL WORKING FLUIDS:** ACTICIDE® MBS 5050 microbiocide is recommended for the control of bacteria and fungi in aqueous metal working fluid solutions and emulsions. Add 0.75 gallons (6.25 lb.) per 1000 gallons of emulsion every 4 weeks for maintenance of a non-fouled system. For a noticeably fouled system use an initial dose of up to 2.5 gallons (21 lb.) per 1000 gallons emulsion followed by subsequent maintenance dosage above. A higher dosage rate and/or increased frequency of treatment may be required depending upon the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc. The preservative should be dispensed into the use dilution of the metal working fluid using a metering pump and uniformly dispersed throughout the system.

7/7

# ACTICIDE® MBS 5050 INFORMATION SHEET

**THOR**

**THIS ACTICIDE® MBS 5050 INFORMATION SHEET MUST ACCOMPANY EACH  
SHIPMENT OF ACTICIDE® MBS 5050**

## DIRECTIONS FOR USE

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

### \*PRESERVATIVE FOR TEXTILES/CORDAGE PRODUCTS AND TEXTILE-/TEXTILE-FIBERS

**MAKING:** ACTICIDE® MBS 5050 is recommended as a preservative for the control of bacteria and fungi in textiles and non-woven products (such as canvas, carpet, cordage, drapes, and shower curtains), in chemicals commonly used in the production of natural and synthetic fibers and fabrics (such as fiber lubricants, spin finishes, sizes, dyestuffs, textile printing inks, dispersants, thickeners, dye fixatives, hand builders and weighters), and in textile coatings. Add 0.05% to 0.25% ACTICIDE® MBS 5050 (0.5 – 2.5 lbs. to 1000 lbs. of fluid).

ACTICIDE® MBS 5050 microbicide weighs 8.8 lbs. per gallon

\* Not approved for these uses in the state of California

**ACCEPTED  
with COMMENTS  
EPA Letter Dated:**

*AUG 17 2007*

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. *67071-49*