

67071-71

5/29/2012

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

NOTICE OF PESTICIDE:

[x] Registration
Reregistration

(under FIFRA, as amended)

EPA Reg.

Number:

67071-71

Date of

Issuance:

MAY 29 2012

Term of Issuance:

Conditional

Name of Pesticide Product:

ACTICIDE® MBZ-F

Name and Address of Registrant (include ZIP Code):

Thor GmbH
Landwehrstrasse 1
D-67346 Speyer, Germany

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.

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.

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.

This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. 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.

2. Make the labeling changes listed below before you release the product for shipment:

a. Revise the "EPA Registration Number to read, "EPA Reg. No. 67071-71".

Signature of Approving Official:

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

[Handwritten signature of Marshall Swindell]

Date:

MAY 29 2012

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EPA Registration No. 67071-71

b. Revise the "Hazards to Humans and Domestic Animals" section of the label to comply with the instructions in item III under "LABELING" of the Acute toxicity Review.

c. Revise the "First Aid" section of the label to comply with the instructions in item III under "LABELING" of the Acute Toxicity Review.

d. Please note that the studies for 830.6317 (Storage Stability) and 830.6320 (Corrosion characteristics) guidelines must be submitted within one (1) year from the date of this Notice of Registration.

e. Please note that copies of the Product Chemistry and Acute Toxicity Reviews are enclosed for your files.

3. Submit two (2) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

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 "accepted" label is enclosed for your records.

Sincerely,



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

Enclosure

Container Label # MBZ-F(a1) 11/16/2011

ACTICIDE® MBZ-F



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: Non-refillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: [For containers < 5 gallons in size] - Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. [For containers > 5 gallons in size] - Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

ACCEPTABLE

with COMMENTS

EPA Label Data:

MAY 29 2012

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 67071-71

- Active Ingredients:
- 1,2-Benzisothiazolin-3-one..... 5.00%
 - 2-Methyl-4-isothiazolin-3-one..... 2.50%
 - Zinc 2-pyridinethiol-1-oxide..... 1.50%
- Inert Ingredients:..... 91.00%
- Total..... 100.00%

ACTICIDE® MBZ-F microbicide weighs 9.18 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 eye.	> 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 do so by the 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.
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.
Note to physicians:	Probable mucosal damage may contraindicate the use of gastric lavage.
HOT LINE NUMBER:	In case of emergency, for additional information call toll free 1-800-424-9300. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Precautionary Statements:

Hazards to Humans and Domestic Animals

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.

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*, 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 71

Manufactured By For: Thor GmbH

U.S. Office:

Thor Specialties, Inc.

50 Waterview Drive, Shelton, CT

06484 USA Tel. (203) 516-6980

EPA Est. No. 67071-DEU-001

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.

Batch:

Mfg Date:

Net Contents (pounds):

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ACTICIDE[®] MBZ-F INFORMATION SHEET



THIS ACTICIDE[®] MBZ-F INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE[®] MBZ-F

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[®] MBZ-F 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 0.4% ACTICIDE[®] MBZ-F (0.5 – 4.0 lbs. to 1000 lbs. of emulsion). * Not approved for these uses in the state of California

***PRESERVATIVE FOR PAINTS AND COATINGS:** ACTICIDE[®] MBZ-F 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 0.4% ACTICIDE[®] MBZ-F (0.5 – 4.0 lbs. to 1000 lbs. of paint, or coating fluid formulation or polymer latex). * Not approved for these uses in the state of California

***Special purpose coating uses:** Include use as a preservative in spin finish coatings for fibers and Ink/Ink Components.

ACTICIDE[®] MBZ-F microbiocide is recommended for the control of bacteria and fungi in stabilizer solutions and in fountain solutions. ACTICIDE[®] MBZ-F microbiocide is recommended for water-based printing inks such as flexographic, gravure, screen and ink jet types. ACTICIDE[®] MBZ-F microbiocide is recommended for the control of bacteria and fungi in printing ink components such as resins, plasticizers, water soluble dyes, pigments, gelling agents, surfactants, and thickeners. ACTICIDE[®] MBZ-F microbiocide should be added to achieve the recommended dosage range for ink, ink components, fountain solutions and photoplate processing chemicals of 0.1% to 0.4% on a total weight basis. A level adjustment may be necessary to accommodate the slight change in solution formulations. ACTICIDE[®] MBZ-F may be added to concentrates so long as the final use-dilution product contains not more than 360 ppm active ingredients.

* Not approved for these uses in the state of California

NOTE: To insure uniform mixing, add ACTICIDE[®] MBZ-F microbiocide to the liquid formulation 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[®] MBZ-F 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 0.4% ACTICIDE[®] MBZ-F (0.5 – 4.0 lbs. to 1000 lbs. of formulation). * Not approved for these uses in the state of California

ACCEPTED
with COMMENTS
EPA Letter Dated:

MAY 29 2012

Information Sheet# MBZ-F(a1) 11/16/2011
Page 1 of 3

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

EPA Reg. No. 67071-XX

Manufactured For: Thor GmbH
D-67346 Speyer, Germany
Tel. (06232) 6360

U.S. Office: Thor Specialties, Inc.
50 Waterview Drive, Shelton, CT
06484 USA
Tel. (203) 516-6980

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ACTICIDE® MBZ-F INFORMATION SHEET



THIS ACTICIDE® MBZ-F INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE® MBZ-F

DIRECTIONS FOR USE

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

***PRESERVATIVE FOR ADHESIVES:** ACTICIDE® MBZ-F microbicide 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. Add 0.05% to 0.4% ACTICIDE® MBZ-F (0.5 – 4.0 lbs. to 1000 lbs. of fluid). * Not approved for these uses in the state of California

***PRESERVATIVE FOR DISPERSED PIGMENTS (MINERAL SLURRIES):** ACTICIDE® MBZ-F microbicide 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 0.03% to 0.3% ACTICIDE® MBZ-F (0.3 – 3.0 lbs per 1000 lbs of dispersion). * Not approved for these uses in the state of California

***PRESERVATIVE FOR OIL-IN-WATER EMULSIONS:** ACTICIDE® MBZ-F is recommended for use in spin-finish solutions used in the textile industry and photographic emulsions. Add 0.05% to 0.4% ACTICIDE® MBZ-F (0.5 – 4 lbs. to 1000 lbs. of emulsion). * Not approved for these uses in the state of California

***IN-CONTAINER PRESERVATIVE:** ACTICIDE® MBZ-F 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. Add 0.025% to 0.4% ACTICIDE® MBZ-F (0.25 – 4.0 lbs. per 1000 lbs. of aqueous product). ACTICIDE® MBZ-F may be added to concentrates so long as the final use-dilution product contains not more than 360 ppm active ingredients * Not approved for these uses in the state of California

***LIQUID HOUSEHOLD CONSUMER, *INDUSTRIAL, *INSTITUTIONAL, *JANITORIAL PRODUCTS:** For the control of bacteria and fungi in liquid soaps, liquid cleaners liquid detergents, liquid laundry products, liquid dishwashing detergents, waxes, polishes, liquid fabric treatment/refreshers products, liquid air fresheners/deodorizers, car care products, and other similar cleaners. ACTICIDE® MBZ-F 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® MBZ-F is added at a level of 0.05% to 0.4% (1.0 to 4.0 lb to 1000 lb of product to be protected). ACTICIDE® MBZ-F microbicide 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 0.05% to 0.4% ACTICIDE® MBZ-F microbicide. * Not approved for these uses in the state of California

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Under the Federal Insecticide,
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***SOLID/SEMI-SOLID HOUSEHOLD CONSUMER, *INDUSTRIAL, *INSTITUTIONAL, *JANITORIAL PRODUCTS:** For the control of bacteria and fungi in solid/semi-solid soaps, solid/semi-solid cleaners solid/semi-solid detergents, solid/semi-solid laundry products, solid/semi-solid dishwashing detergents, waxes, polishes solid/semi-solid fabric treatment/refresher products, solid/semi-solid air fresheners/deodorizers, car care products, and other similar cleaners. ACTICIDE® MBZ-F may also be used for the control of bacteria and fungi in package utility products such as pre-moistened sponges and mops. ACTICIDE® MBZ-F may also be used for the control of bacteria and fungi in Pet Litter. ACTICIDE® MBZ-F 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® MBZ-F is added at a level of 0.05% to 0.4% (1.0 to 4.0 lb to 1000 lb of product to be protected).

ACTICIDE® MBZ-F microbicide 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 0.05% to 0.4% ACTICIDE® MBZ-F microbicide. * Not approved for these uses in the state of California

***PRESERVATIVE FOR METAL WORKING FLUIDS:** ACTICIDE® MBZ-F microbicide is recommended for the control of bacteria and fungi in aqueous metal working fluid solutions and emulsions. Add 1 gallon (8.3 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 4.0 gallons (35.2 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. * Not approved for these uses in the state of California

***PRESERVATIVE FOR TEXTILES/CORDAGE PRODUCTS AND TEXTILE-/TEXTILE-FIBERS MAKING:** ACTICIDE® MBZ-F is recommended as a preservative for the control of bacteria and fungi 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 0.4% ACTICIDE® MBZ-F (0.5 – 4 lbs. to 1000 lbs. of fluid).

* Not approved for these uses in the state of California

ACTICIDE® MBZ-F microbicide weighs 9.39 lbs. per gallon

ACCEPTED
with COMMENTS
EPA Letter Dated:

MAY 29 2012

Information Sheet# MBZ-F(a1) 11/16/2011
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Under the Federal Insecticide,
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