



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

May 19, 2016

Michelle Behr  
Quality Assurance Specialist  
Thor Specialties, Inc.  
50 Waterview Drive  
Shelton, CT 06484

Subject: Notification per PRN 98-10 – Removing qualifiers for adhesives and tackifiers, as required by the State of California  
Product Name: Acticide MBS 2550  
EPA Registration Number: 67071-56  
Application Date: 4/19/16  
Decision Number: 516766

Dear Ms. Behr:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, please contact Jamil Mixon at (703) 308-8032, or via email at [mixon.cletis@epa.gov](mailto:mixon.cletis@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Julie Chao".

Julie Chao, Product Manager 33  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

# ACTICIDE<sup>®</sup> MBS 2550



### 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 HANDLING

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 ¼ 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 ¼ 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.

### 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.

### Active Ingredients:

1,2-Benzisothiazolin-3-one .....	5.00%
2-Methyl-4-isothiazolin-3-one .....	2.50%
Inert Ingredients: .....	92.50%
Total: .....	100.00%

ACTICIDE<sup>®</sup> MBS 2550 microbiocide 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 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 advice.

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

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**For emergency information on ACTICIDE<sup>®</sup> MBS 2550, call the National Pesticides Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call a poison control center 1-800-222-1222.**

**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.

## NOTIFICATION

67071-56

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

5/19/2016

## 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 protective eyewear (goggles or face shield). Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear long sleeved shirt and long pants, socks, shoes, chemical-resistant gloves. Wash thoroughly with soap and water after handling and before eating, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

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

### DIRECTIONS FOR USE

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

Industrial microbiocide 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. 67071-56 EPA Est. No. 67071-DEU-001**

Manufactured By/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

**[OR: EPA Est. No. 67071-MEX-001]**  
Manufactured By: Thor Químicos de México SA de CV;  
Autopista Mex-Qro Km 182; Pedro Escobedo,  
Querétaro; México. Tel. (448)2752200

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

<b>Batch:</b>	<b>Mfg Date:</b>	<b>Net Contents (pounds): <del>—</del> ): _____ (gallons): _____</b>
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# ACTICIDE® MBS 2550 INFORMATION SHEET



**THIS ACTICIDE® MBS 2550 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE® MBS 2550**

## DIRECTIONS FOR USE

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

<b>PRESERVATIVE FOR LATICES, POLYMER EMULSIONS OR SOLUTIONS</b> ACTICIDE® MBS 2550 microbicide 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. For polymers that are highly susceptible to biodeterioration, add <b>up to 1.0%</b> ACTICIDE® MBS 2550 (10.0 lbs. to 1000 lbs. of polymer). Examples of such polymers include those with low free-monomer, low VOC content, high concentrations of reactive redox agents, low solids content, high surfactant content, natural carbohydrate stabilizers / thickeners, and those with long shelf-life / storage requirements.	<b>0.05 – 0.4%</b> 0.5 – 4.0 LB per 1000 LB emulsion
<b>PRESERVATIVE FOR BUILDING MATERIALS</b> ACTICIDE® MBS 2550 microbicide 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.	<b>0.05 – 0.4%</b> 0.5 – 4.0 LB per 1000 LB fluid
<b>*PRESERVATIVE FOR ADHESIVES AND TACKIFIERS</b> ACTICIDE® MBS 2550 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. ACTICIDE® MBS 2550 microbicide is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins. <i>*Not approved for these uses in the state of California</i>	<b>0.05 – 0.4%</b> 0.5 – 4.0 LB per 1000 LB fluid
<b>PRESERVATIVE FOR DISPERSED PIGMENTS (MINERAL SLURRIES)</b> ACTICIDE® MBS 2550 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.	<b>0.03 – 0.3%</b> 0.3 – 3.0 LB per 1000 LB dispersion

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### PRESERVATIVE FOR PAINTS AND COATINGS

ACTICIDE® MBS 2550 microbicide 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.

**0.05 – 0.4%**

0.5 – 4.0 LB per 1000 LB paint, or coating fluid formulation or polymer latex

#### \*Special purpose coating uses

Use as a preservative for:

- Electrodeposition paints or solutions
- Plating solutions or coatings
- Fount (or fountain) solutions used in the printing process as a maintenance fluid/coating and as a special coating for printing plates
- Spin finish coatings for fibers.

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

The application/addition directions for these special purpose coating uses are:

#### \*ELECTRODEPOSITION

ACTICIDE® MBS 2550 microbicide 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 2550 microbicide 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 2550 microbicide should be dispensed into the recirculating rinse system, ultrafilter permeate, or final distilled rinse system at a point to insure uniform mixing.

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.

*\*Not approved for this use in the State of California*

#### **For a noticeably fouled system:**

Up to 0.4% based on total gallons in the system. Repeat until control is achieved.

#### **When control is evident:**

Up to 0.1% based on total gallons in the system. Add weekly or as needed to maintain the system.

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### \*TREATMENT OF ELECTRODEPOSITION PAINT COMPONENTS

Initial Dose of Paint Components:

ACTICIDE® MBS 2550 microbicide 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 0.4% ACTICIDE® MBS 2550.

*\*Not approved for this use in the State of California*

### INK/INK COMPONENTS, \*PHOTOPLATE PROCESSING, AND \*FOUNTAIN SOLUTIONS

ACTICIDE® MBS 2550 microbicide is recommended for the control of bacteria and fungi in \*photoplate processing such as stabilizer solutions and in \*fountain solutions.

ACTICIDE® MBS 2550 microbicide is recommended for water-based printing inks such as flexographic, gravure, screen and ink jet types.

ACTICIDE® MBS 2550 microbicide is recommended for the control of bacteria and fungi in printing ink components including resins, plasticizers, water soluble dyes, pigments, gelling agents, waxes, surfactants, and thickeners.

A level adjustment may be necessary to accommodate slight changes in solution formulations.

ACTICIDE® MBS 2550 may be added to concentrates so long as the final use-dilution product contains no more than 0.4% ACTICIDE® MBS 2550.

NOTE: To ensure uniform mixing, add ACTICIDE® MBS 2550 microbicide 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.

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

**0.05 – 0.4%**  
on a total weight basis

### \*PRESERVATIVE FOR OIL-IN-WATER EMULSIONS

ACTICIDE® MBS 2550 is recommended for use in spin-finish solutions used in the textile industry and photographic emulsions.

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

**0.05 – 0.4%**  
0.5 – 4.0 LB per 1000 LB  
emulsion

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### \*IN-CONTAINER PRESERVATIVE

ACTICIDE® MBS 2550 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 include, but are not limited to, insecticides, termiticides, fungicides, bactericides, algaecides, 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].

For use in pesticide products that are not applied to crops, ACTICIDE® MBS 2550 should be added to concentrates at a level to ensure that the final use dilution of the product will contain 0.025 to 0.4% ACTICIDE® MBS 2550.

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

**0.025 – 0.4%**  
0.25 – 4.0 LB per 1000 LB  
aqueous product

### HOUSEHOLD, CONSUMER, INDUSTRIAL, 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 2550 may also be used for the control of bacteria and fungi in package utility products such as pre-moistened sponges and mops.

ACTICIDE® MBS 2550 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 2550 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 0.05% and 0.4% ACTICIDE® MBS 2550 microbiocide.

**0.05 – 0.4%**  
0.5 – 4.0 LB per 1000 LB  
product to be protected



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## DIRECTIONS FOR USE

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### \*PRESERVATIVE FOR METAL WORKING FLUIDS

ACTICIDE® MBS 2550 microbicide is recommended for the control of bacteria and fungi in aqueous metal working fluid solutions and emulsions. 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*

#### **For noticeably fouled systems:**

Initial dose of up to 4.0 GAL (35.2 LB) per 1000 GAL emulsion followed by subsequent maintenance dose below.

#### **To maintain control:**

Add 1 GAL (8.8 LB) per 1000 GAL emulsion every 4 weeks.

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

ACTICIDE® MBS 2550 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, textiles printing inks, dispersants, thickeners, dye fixatives, hand builders and weighters), and in textile coatings.

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

**0.05 – 0.4%**

0.5 – 4.0 LB per 1000 LB fluid

ACTICIDE® MBS 2550 microbicide weighs 8.8 lbs. per gallon