



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

October 26, 2015

Cheryl Woodward
Regulatory Specialist
Thor Specialties, Inc.
50 Waterview Drive
Shelton, CT 06484

Subject: Label Amendment – Reformatting information sheet and clarifying use directions for in-container preservatives and metal working fluids
Product Name: ACTICIDE® MBS
EPA Registration Number: 67071-29
Application Date: September 3, 2015
Decision Number: 510483

Dear Ms. Woodward:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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.

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

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EPA Reg. No. 67071-29
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with FIFRA section 6. If you have any questions, please contact me by phone at (703) 308-8735, or via email at chao.julie@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Julie Chao". The signature is fluid and cursive, with the first name "Julie" being more prominent than the last name "Chao".

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

Enclosure

ACTICIDE® MBS



ENVIRONMENTAL HAZARDS

This product is toxic to terrestrial and aquatic invertebrates. 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 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.

EPA Reg. No. 67071-29 EPA Est. No. 67071-DEU-001

Manufactured By/For: Thor GmbH
D-67346 Speyer, Germany

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

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

Active Ingredients:
1,2-Benzisothiazolin-3-one 2.5%
2-Methyl-4-isothiazolin-3-one 2.5%
Inert Ingredients: 95.0%
Total: 100.0%

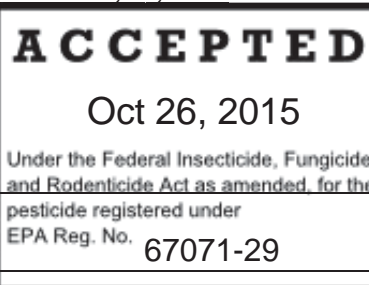
ACTICIDE® MBS microbiocide weighs 8.6 lb. per gallon.

KEEP OUT OF REACH OF CHILDREN DANGER

See Side panel for additional precautionary statements

FIRST AID	
If in Eyes:	<ul style="list-style-type: none"> ➢ 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 on Skin or clothing:	<ul style="list-style-type: none"> ➢ 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 Swallowed:	<ul style="list-style-type: none"> ➢ 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. ➢ Do not give anything by mouth to an unconscious person
If Inhaled:	<ul style="list-style-type: none"> ➢ 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 physician: 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.	
For Transportation / Spill Emergency: Call Chemtrec at 1-800-424-9300	

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



Precautionary Statements: Hazards to Humans and Domestic

Animals DANGER

Corrosive. Causes irreversible eye damage. Do not get in eyes, or on clothing. Harmful if swallowed. Harmful if absorbed through the skin. Avoid contact with skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear goggles or face shield, long-sleeved shirt, long pants, shoes, socks, and chemical-resistant gloves made of any waterproof material. Remove PPE immediately after handling this product. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing/PPE immediately, then wash thoroughly and change into clean clothing. Do not apply this product in a way that will contact workers or other persons.

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, as an in-container preservative for aqueous products, for use in household consumer, industrial, janitorial products, pet litter, *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 these uses in the state of California

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® MBS INFORMATION SHEET



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

DIRECTIONS FOR USE

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

<p>PRESERVATIVE FOR LATICES:</p> <p>ACTICIDE® MBS microbiocide is recommended for the control of bacteria and fungi in the manufacture and storage of synthetic and natural polymer latices (including process wash solutions) 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.</p>	<p>0.1 – 0.5%</p> <p>Add 1.0 - 5.0 lbs. (0.45 - 2.27 kg) to 1000 lbs. (454 kg) of emulsion to provide 50 - 250 ppm active ingredient.</p>
<p>PRESERVATIVE FOR PAINTS AND COATINGS:</p> <p>ACTICIDE® MBS 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 (including process wash solutions) used for architectural product finishes and *special purpose coatings.</p> <p>*Special purpose coating uses: Include use as a preservative for:</p> <ul style="list-style-type: none">• electrodeposition paints or solutions• photoplating 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, and• spin finish coatings for fibers. <p>The application/addition directions for these special purpose coating uses are:</p> <p>*Electrodeposition: ACTICIDE® MBS 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 microbiocide may be added through the components of the electrodeposition paint prior to their addition to the electrodeposition system.</p>	<p>0.1 – 0.5%</p> <p>Add 1.0 - 5.0 lbs. (0.45 - 2.27 kg) to 1000 lbs. (454 kg) of paint, coating fluid formulation, or polymer latex to provide 50 - 250 ppm active ingredient.</p>

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***Tankside Addition to Electrodeposition Systems:**

ACTICIDE® MBS 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 0.6% ACTICIDE® MBS microbiocide (based on the total gallons of fluid in the system). Repeat until control is achieved. When microbial control is evident, add up to 0.6% ACTICIDE® MBS (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.

** Not approved for this use in the state of California*

***Treatment of Electrodeposition Paint Components:**

Initial Dose of Paint Components: ACTICIDE® MBS 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.

** Not approved for this use in the state of California*

***Photoplate Processing, Photo Processing, Fountain Solutions, and Ink/Ink Components:**

ACTICIDE® MBS microbiocide is recommended for the control of bacteria and fungi in photoplate processing such as stabilizer solutions and in fountain solutions. ACTICIDE® MBS microbiocide is recommended for water-based printing inks such as flexographic, gravure, screen and ink jet types. ACTICIDE® MBS microbiocide is recommended for the control of bacteria and fungi in printing ink components such as resins, plasticizers, water soluble dyes, pigments, gelling agents, waxes, surfactants, and thickeners. ACTICIDE® MBS microbiocide should be added to achieve the recommended dosage range for ink, ink components, fountain solutions and photoplate processing chemicals of 0.1% to 0.5% on a total weight basis. A level adjustment may be necessary to accommodate the slight change in solution formulations. Up to 500 lb ACTICIDE® MBS 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 (a dilution of 100x).

**Not approved for this use in the state of California*

NOTE: To insure uniform mixing, add ACTICIDE® MBS 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.

ACTICIDE[®] MBS INFORMATION SHEET



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DIRECTIONS FOR USE

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

<p>PRESERVATIVE FOR BUILDING MATERIALS:</p> <p>ACTICIDE[®] MBS 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.</p>	<p>0.1 – 0.5%</p> <p>Add 1.0 - 5.0 lbs. (0.45 - 2.27 kg) to 1000 lbs. (454 kg) of fluid to provide 50 - 250 ppm active ingredient.</p>
<p>PRESERVATIVE FOR ADHESIVES AND *TACKIFIERS:</p> <p>ACTICIDE[®] MBS 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 microbiocide is recommended as a preservative for *tackifiers derived from rosin and hydrocarbon resins.</p> <p><i>* Not approved for this use in the state of California</i></p>	<p>0.1 – 0.5%</p> <p>Add 1.0 - 5.0 lbs. (0.45 - 2.27 kg) to 1000 lbs. (454 kg) of fluid to provide 50 - 250 ppm active ingredient.</p>
<p>PRESERVATIVE FOR DISPERSED PIGMENTS (MINERAL SLURRIES):</p> <p>ACTICIDE[®] MBS 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 used in paint and paper products.</p>	<p>0.03 – 0.3%</p> <p>Add 1.0 - 5.0 lbs. (0.45 - 2.27 kg) to 1000 lbs. (454 kg) of dispersion to provide 15 - 150 ppm active ingredient.</p>
<p>*PRESERVATIVE FOR OIL-IN-WATER EMULSIONS:</p> <p>ACTICIDE[®] MBS is recommended for use in spin-finish solutions used in the textile industry and photographic emulsions.</p> <p><i>* Not approved for this use in the state of California</i></p>	<p>0.1 – 0.5%</p> <p>Add 1.0 - 5.0 lbs. (0.45 - 2.27 kg) to 1000 lbs. (454 kg) of emulsion to provide 50 - 250 ppm active ingredient.</p>

ACTICIDE® MBS

INFORMATION SHEET



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<p>IN-CONTAINER PRESERVATIVE:</p> <p>ACTICIDE® MBS 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, and rodenticides.</p> <p><i>CONCENTRATES:</i></p> <p>ACTICIDE® MBS 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 0.5% ACTICIDE® MBS microbiocide.</p>	<p>0.05 – 0.5%</p> <p>Add 0.5 - 5.0 lbs. (0.23 - 2.27 kg) to 1000 lbs. (454 kg) of treated product to provide 25 - 250 ppm active ingredient.</p>
<p>HOUSEHOLD CONSUMER, INDUSTRIAL, JANITORIAL PRODUCTS:</p> <p>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 may also be used for the control of bacteria and fungi in package utility products such as pre-moistened sponges and mops. ACTICIDE® MBS 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.</p> <p><i>CONCENTRATES:</i></p> <p>ACTICIDE® MBS 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 0.012% and 0.40% ACTICIDE® MBS microbiocide.</p>	<p>0.012 – 0.40%</p> <p>Add 0.12 - 4.0 lbs. to 1000 lbs. of product to be protected to provide 6 - 200 ppm active isothiazolones.</p>

ACTICIDE[®] MBS

INFORMATION SHEET



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DIRECTIONS FOR USE

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<p>PRESERVATIVE FOR PET LITTER:</p> <p>ACTICIDE[®] MBS microbiocide is recommended for the control of odor causing bacteria in pet litter.</p>	<p>0.2 – 0.5%</p> <p>Add 2.0 - 5.0 lbs. to 1000 lbs. of litter.</p>
<p>*PRESERVATIVE FOR METAL WORKING FLUIDS:</p> <p>ACTICIDE[®] MBS microbiocide is recommended for the control of bacteria and fungi in aqueous metal working fluid solutions and emulsions.</p> <p>The preservative should be dispensed into the use dilution of the metal working fluid using a metering pump and uniformly dispersed throughout the system.</p> <p>CONCENTRATES:</p> <p>ACTICIDE[®] MBS 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 0.15% and 0.45% ACTICIDE[®] MBS microbiocide.</p> <p><i>* Not approved for this use in the state of California</i></p>	<p>0.15 – 0.45%</p> <p>Add 1.5 gallons (12.5 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 4.5 gallons (39 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.</p>
<p>*PRESERVATIVE FOR TEXTILES/CORDAGE PRODUCTS AND TEXTILE-/TEXTILE-FIBERS MAKING:</p> <p>ACTICIDE[®] MBS 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.</p> <p><i>* Not approved for this use in the state of California</i></p>	<p>0.10 – 0.50%</p> <p>Add 1.0 - 5.0 lbs. to 1000 lbs. of fluid to provide 50 - 250 ppm active ingredients.</p>

ACTICIDE[®] MBS microbiocide weighs 8.6 lbs. per gallon