

67071-45

9/9/2010

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U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number: 67071-45

Date of Issuance

SEP - 9 2010

Term of Issuance:

Conditional

Name of Pesticide Product: Acticide MBL 5515

NOTICE OF PESTICIDE:
Registration
[x] Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Thor Specialties, Inc.
56 Quarry Road
Trumbull, CT 06611

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.

Based on your response to the 1,2-Benzisothiazolin-3-one RED, the EPA has reregistered this product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g) (2) of the Federal Insecticide, Fungicide and Rodenticide Acts, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. The EPA may require submission of data at any time to maintain the registration of the subject product.

1. Make the following label changes:

a. Revise the EPA Registration Number to read "67071-45."

Signature of Approving Official:

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

[Handwritten signature of Marshall Swindell]

Date:

SEP - 9 2010

b. As per the acute toxicity review, the heading, "IF ON SKIN" in the first aid section must be revised to read "IF ON SKIN OR CLOTHING."

c. As per the acute toxicity review, revise the "First Aid" statements to appear in the following order:

- IF IN EYES:....
- IF IN SKIN OR CLOTHING:....
- IF SWALLOWED:.....
- IF INHALED:.....

d. As per the acute toxicity review, revise the "Hazards to Humans and Domestic Animals to read as follows:

"DANGER. Corrosive. Causes irreversible eye damage. Do not get in eyes, on skin, or on clothing. May be fatal if inhaled. Do not breathe vapor or spray mist. Harmful if swallowed. Harmful if absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear goggles or face shield, a respirator with an organic-vapor removing cartridge with a prefilter approved pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with shirt, long pants, shoes, socks, and chemical-resistant gloves made of barrier laminate, butyl, nitrile, or neoprene rubber, polyvinyl chloride or viton."

d. As per the acute toxicity review to address the eye and skin irritation concerns, add the following additional text to the "Note to Physician" section to read as follows:

- technical information on symptomatology;
- use of supportive treatments to maintain life functions;
- medicine that will counteract the specific physiological effects of the pesticide;
- company telephone number to specific medical personnel who can provide specialized medical advice.

- e. Revise the User Safety Requirements by adding the text to read as follows:

“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.”

- f. As per the acute toxicity review, revise the text, “Wash thoroughly with soap and water after handling, before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse” currently appearing in the Hazards to Humans and Domestic Animals section must be revised to read as follows:

#### User Safety Recommendations

User should wash hands before, eating, drinking, chewing gum, using tobacco, or using the toilet.

User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

- g. As per the product chemistry review, add text that addresses the incompatibility with other chemicals to the physical and chemical hazards section to read as follows:

“Keep away from strong oxidizers.”

- h. As per the product chemistry review, add the appropriate storage and disposal text as per PR Notice 2007-4 to the product labeling.
- i. Add the following text to the product labeling to read as follows:  
“Do not apply this product in a way that will contact workers or other persons.”

j. Revise the statement, "This pesticide is toxic to fish and wildlife" to read as follows:

"This product is toxic to terrestrial and aquatic plants, fish and aquatic invertebrates."

k. Revise the handler glove statement to read as follows:

"Chemical-resistant gloves made of barrier laminate, butyl rubber, nitrile rubber or viton."

l. As per the acute toxicity review, revise the eyewear text to the PPE section to read:

"goggles or faceshield"

m. As per the acute toxicity review, add the phrase, "a chemical-resistant apron" to the PPE section.

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.

Submit two (2) copies of the revised labeling bearing the labeling revisions listed above. A stamped copy of the label is enclosed for your records.

If you have questions concerning this matter, please contact me at (703) 308-6341 or by email at [swindell.marshall@epa.gov](mailto:swindell.marshall@epa.gov) or Karen M. Leavy at (703)308-6237 or by email at [leavy.karen@epa.gov](mailto:leavy.karen@epa.gov).

Sincerely,



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

Enclosures: (Stamped Label)

Label # 450(a4)-04/29/08



**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 or transport 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.

**GENERAL: CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.**

**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 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. ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-BROMO-2-NITROPROPANE-1,3-DIOL, 1,2-benzisothiazol-3(2H)-one), 9, UN 3082, PG-III

**ACTICIDE® MBL 5515**

**Active Ingredients:**

- 2-Bromo-2-nitro-1,3-propanediol..... 15.00%
- 1,2-Benzisothiazolin-3-one..... 5.00%
- 2-Methyl-4-isothiazolin-3-one..... 5.00%

- Inert Ingredients:..... 75.00%
- Total:..... 100.00%

ACTICIDE® MBL 5515 microbiocide weighs 9.1 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.

ACCEPTED  
For Transportation with Comments  
Call Chemtrec 1-800-424-9300  
EPA Letter Dated:

**Precautionary Statements:**

**Hazards to Humans and Domestic Animals  
DANGER**

KEEP OUT OF REACH OF CHILDREN.

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS. HARMFUL IF SWALLOWED OR ABSORBED THROUGH SKIN. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. Wear goggles, face shield or safety glasses. Wear coveralls worn over long-sleeved shirt and long pants, socks, chemical resistant footwear, and chemical-resistant gloves. Wash thoroughly with soap and water after handling, before eating, drinking, chewing gum, or using tobacco. 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 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 a wet-state preservative for aqueous products\*, for use in household cleaning products\*, laundry additives\*, car care 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. 67071-45

EPA Est. No. 67071-DEU-001

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

Batch:	Mfg Date:	Net Contents (pounds):
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SEP - 9 2010

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 67071-45

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# ACTICIDE® MBL 5515 INFORMATION SHEET

**THIS ACTICIDE® MBL 5515 INFORMATION SHEET MUST ACCOMPANY EACH  
SHIPMENT OF ACTICIDE® MBL 5515**

## 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® MBL 5515 microbiocide is recommended for the control of bacteria and fungi in the manufacture and storage of synthetic and natural polymer latices 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 0.1 - 0.5% ACTICIDE® MBL 5515 based on the weight of emulsion.

**\*PRESERVATIVE FOR PAINTS AND COATINGS:** ACTICIDE® MBL 5515 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 0.1 - 0.5% ACTICIDE® MBL 5515 (by weight) to the paint, or coating fluid formulation.

Special purpose coating uses: Include use as a: <> preservative for electrodeposition paints or solutions, <> preservative for electroplating 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® MBL 5515 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® MBL 5515 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® MBL 5515 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 2.4% (w/v) ACTICIDE® MBL 5515 microbiocide (based on the total gallons of fluid in the system). Repeat until control is achieved. When microbial control is evident, add up to 1.0% (w/v) ACTICIDE® MBL 5515 (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® MBL 5515 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

**Supplemental Tanked Dosing of Electrodeposition System:** If additional microbial control is necessary, ACTICIDE® MBL 5515 microbiocide may be added to the electrodeposition system tankside to supplement the microbiocide incorporated through paint components. If the system becomes noticeably fouled, add up to 2.4% (w/v) ACTICIDE® MBL 5515 microbiocide (based on the total gallons of fluid in the system). Repeat until control is achieved. When microbial control is evident, the system can be maintained by addition of up to 1.0% (w/v) ACTICIDE® MBL 5515 microbiocide (based on the total gallons of fluid in the system) weekly or as needed.

**\*PHOTOPLATE PROCESSING, PHOTO PROCESSING, FOUNTAIN SOLUTIONS, AND INK/INK COMPONENTS:** ACTICIDE® MBL 5515 microbiocide is recommended for the control of bacteria and fungi in photoplate processing such as stabilizer solutions and in fountain solutions. ACTICIDE® MBL 5515 microbiocide is recommended for water-based printing inks such as flexographic, gravure, screen and ink jet types. ACTICIDE® MBL 5515 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® MBL 5515 microbiocide should be added to achieve the recommended dosage range for ink, ink components, fountain solutions and photoplate processing chemicals of 0.1 to 1.0% on a total weight basis. The optimum level range for acidic fountain solutions is 0.2 to 0.5%; the optimum level range for neutral fountain solutions is 0.5% to 0.8%. A level adjustment may be necessary to accommodate the slight change in solution formulations. Up to 50% ACTICIDE® MBL 5515 based on the weight of concentrate may be added to concentrates so long as the final use-dilution product contains not more than 250 ppm active isothiazolones (a dilution of 100x).

NOTE: To insure uniform mixing, add ACTICIDE® MBL 5515 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.

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**ACCEPTED**  
**with COMMENTS**  
**EPA Letter Dated:**

SEP - 9 2010

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 67071-45**

**EPA Reg. No. 67071-45**  
Manufactured By/For: Thor GmbH  
D-67346 Speyer, Germany  
Tel. (06232) 6360  
Thor Specialties, Inc.  
56 Quarry Road, Trumbull, CT  
06611 USA  
Tel. (203) 365-6530

U.S. Office:

7/7



# ACTICIDE<sup>®</sup> MBL 5515 INFORMATION SHEET

**THIS ACTICIDE<sup>®</sup> MBL 5515 INFORMATION SHEET MUST ACCOMPANY EACH  
SHIPMENT OF ACTICIDE<sup>®</sup> MBL 5515**

## DIRECTIONS FOR USE

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

- \*PRESERVATIVE FOR BUILDING MATERIALS:** ACTICIDE<sup>®</sup> MBL 5515 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 0.1 - 0.5% ACTICIDE<sup>®</sup> MBL 5515 (by weight) to the fluid.
- \*PRESERVATIVE FOR ADHESIVES AND TACKIFIERS:** ACTICIDE<sup>®</sup> MBL 5515 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<sup>®</sup> MBL 5515 microbiocide is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins. Add 0.1 - 0.5% (by weight) of ACTICIDE<sup>®</sup> MBL 5515 to the fluid.
- \*PRESERVATIVE FOR DISPERSED PIGMENTS (MINERAL SLURRIES):** ACTICIDE<sup>®</sup> MBL 5515 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. Add 0.1 - 0.5% (by weight) of ACTICIDE<sup>®</sup> MBL 5515 to the dispersion.
- \*PRESERVATIVE FOR OIL-IN-WATER EMULSIONS:** ACTICIDE<sup>®</sup> MBL 5515 is recommended for use in spin-finish solutions used in the textile industry and photographic emulsions. Add 0.1 - 0.5% (by weight) ACTICIDE<sup>®</sup> MBL 5515 to the emulsion.
- \*WET STATE PRESERVATIVE:** ACTICIDE<sup>®</sup> MBL 5515 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 (includes use as a wet-state preservative for the control of bacteria and fungi in pesticide products for dilution (with a MIT level of not more than 2.25 ppm in the final solution) applied to crops and for use in pesticide formulations for use on food contact surfaces at rates described for wet-state preservative category]. Add 0.1 - 0.5% (by weight) ACTICIDE<sup>®</sup> MBL 5515 to the product.
- \*HOUSEHOLD CLEANING PRODUCTS, LAUNDRY ADDITIVES, CAR CARE PRODUCTS:** For the control of bacteria and fungi in liquid detergents, liquid laundry products, dishwashing detergents, waxes, polishes and other similar cleaners. ACTICIDE<sup>®</sup> MBL 5515 may also be used for the control of bacteria and fungi in package utility products such as pre-moistened sponges and mops. ACTICIDE<sup>®</sup> MBL 5515 is added at a level of 0.01% - 0.3% (by weight) ACTICIDE<sup>®</sup> MBL 5515 to the product to be protected.
- \*PRESERVATIVE FOR METAL WORKING FLUIDS:** ACTICIDE<sup>®</sup> MBL 5515 microbiocide is recommended for the control of bacteria and fungi in aqueous metal working fluid solutions and emulsions. Add 0.2% (by weight) ACTICIDE<sup>®</sup> MBL 5515 to the fluid every 4 weeks for maintenance of a non-fouled system. For a noticeably fouled system use an initial dose of 0.5% - 1.0% (by weight) ACTICIDE<sup>®</sup> MBL 5515 to the fluid 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.
- \*PRESERVATIVE FOR TEXTILES/CORDAGE PRODUCTS AND TEXTILE/TEXTILE-FIBERS MAKING:** ACTICIDE<sup>®</sup> MBL 5515 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 0.1 - 0.5% (by weight) ACTICIDE<sup>®</sup> MBL 5515 to the fluid.

\* Not approved for use in the State of California

**ACCEPTED  
with COMMENTS  
EPA Letter Dated:**

SEP - 9 2010

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended for the pesticide,  
registered under EPA Reg. No. 67071-45

Information Sheet # 450(a3a) 04/29/08  
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EPA Reg. No. 67071-45  
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