



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

November 8, 2017

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

Subject: Label Amendment – Clarification of Existing Uses  
Product Name: Acticide M10S  
EPA Registration Number: 67071-48  
Application Date: August 31, 2017  
Decision Number: 532907

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.

Page 2 of 2  
EPA Reg. No. 67071-48  
Decision No. 532907

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 with FIFRA section 6. If you have any questions, please contact Terria Northern by phone at 703-347-0265, or via email at [northern.terria@epa.gov](mailto:northern.terria@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read 'Zeno Bain', is positioned above the typed name.

Zeno Bain, Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Enclosure: Approved label

**ACCEPTED**

Nov 08, 2017

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 67071-48



**ENVIRONMENTAL HAZARDS**

This chemical is toxic to terrestrial and aquatic plants, fish 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 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**

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.

GENERAL: CONSULT FEDERAL, STATE AND 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 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® M10S**

Active Ingredients:  
2-Methyl-4-isothiazolin-3-one .....9.50%  
Inert Ingredients: ..... 90.50%  
Total: .....100.00%

**KEEP OUT OF REACH OF CHILDREN  
DANGER-PELIGRO**

See Side panel for additional precautionary statements

FIRST AID	
<b>If in Eyes:</b>	<ul style="list-style-type: none"> <li>➤ Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>➤ Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>➤ Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>➤ Call a poison control center or doctor immediately for treatment advice.</li> <li>➤ Have person sip a glass of water if able to swallow.</li> <li>➤ Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>➤ Do not give anything by mouth to an unconscious person</li> </ul>
<b>If Inhaled:</b>	<ul style="list-style-type: none"> <li>➤ Move person to fresh air.</li> <li>➤ If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to- mouth, if possible.</li> <li>➤ Call a poison control center or doctor for further treatment</li> </ul>
<b>If on Skin: Or Clothing</b>	<ul style="list-style-type: none"> <li>➤ Take off contaminated clothing.</li> <li>➤ Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>➤ Call a poison control center or doctor for treatment.</li> </ul>
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.	

EPA Reg. No. 67071-48  
EPA Est. No. 67071-DEU-001  
[OR 67071-MEX-001]

**Precautionary Statements:  
Hazards to Humans and Domestic  
Animals**

Corrosive. Causes irreversible eye damage. Harmful if absorbed through skin. Harmful if inhaled or swallowed. Avoid contact with eyes, skin, or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling.

**User Safety Requirements:**  
Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washable exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Users should wash hands before eating, drinking, chewing gum, using tobacco, or using toilet. Users should remove clothing immediately if pesticide gets inside. Then wash contaminated area on body thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly. Remove and wash contaminated clothing before reuse.

Mixers, loaders, and others exposed to methylisothiazolinone products must wear: - long-sleeve shirt and long pants; - protective eyewear (goggles or face shield); - chemical-resistant glove; - shoes plus socks

**DIRECTIONS FOR USE**

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

**Do not apply this product in a way that will contact workers or other persons.**

Industrial microbiocide for use in Polymer Latexes, Paints and Coatings, \*Building Materials, \*Fuels, Adhesives and \*Tackifiers, Mineral Slurries and \*Oil-in-Water emulsions, \*Textiles/Cordage products and \*Textile-/Textile Fibers-Making and as preservative for metal working fluids, Household, Consumer, Industrial, Institutional, Janitorial Products. READ AND FOLLOW THE DIRECTIONS FOR USE ON THE ACCOMPANYING INFORMATION SHEET.

\* Not approved for use in the state of California

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:  
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]

Batch:	Mfg Date:	Net Contents (pounds): (gallons):
--------	-----------	--------------------------------------

# ACTICIDE® M10S INFORMATION SHEET



**THIS ACTICIDE® M10S INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE® M10S**

## 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® M10S microbicide 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.

**0.10 – 0.25%**

1.0 – 2.5 LB per 1000 LBS of emulsion  
(0.45 – 1.13 kg per 454 kg emulsion)

### PRESERVATIVE FOR PAINTS AND COATINGS

ACTICIDE® M10S 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.

**0.076 – 0.15%**

0.76 – 1.5 LB per 1000 LBS of paint or coating fluid formulation  
(0.34 – 0.68 kg per 454 kg formulation)

### \*Special purpose coating uses:

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

#### Electrodeposition:

ACTICIDE® M10S 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® M10S 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® M10S microbicide 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 0.25% ACTICIDE® M10S microbicide (based on the total gallons of fluid in the system). Repeat until control is achieved. When microbial control is evident, add up to 0.25% ACTICIDE® M10S (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*

# ACTICIDE® M10S INFORMATION SHEET



**THIS ACTICIDE® M10S INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE® M10S**

## DIRECTIONS FOR USE

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

### Treatment of electrodeposition paint components:

Initial dose of paint components: ACTICIDE® M10S 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 0.25% ACTICIDE® M10S.

### \*Photo/photoplate processing and fountain solutions:

ACTICIDE® M10S microbiocide is recommended for the control of bacteria and fungi in \*photo/photoplate processing such as in stabilizer solutions and fountain solutions. ACTICIDE® M10S microbiocide should be added to achieve the recommended dosage range for fountain solutions and \*photoplate processing chemicals of 0.076% to 0.25% on a total weight basis. A level adjustment may be necessary to accommodate the slight change in solution formulations. ACTICIDE® M10S may be added to concentrates at levels higher than 0.25% so long as the final use-dilution product contains not more than 0.25% ACTICIDE® M10S.

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

### Ink/Ink Components:

ACTICIDE® M10S microbiocide is recommended for water-based printing inks such as flexographic, gravure, screen and ink jet types. ACTICIDE® M10S 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® M10S microbiocide should be added to achieve the recommended dosage range for ink and ink components of 0.14% to 0.25% on a total weight basis. A level adjustment may be necessary to accommodate the slight change in solution formulations. ACTICIDE® M10S may be added to concentrates at levels higher than 0.25% so long as the final use-dilution product contains not more than 0.25% ACTICIDE® M10S.

### \*PRESERVATIVE FOR BUILDING MATERIALS

ACTICIDE® M10S 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.

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

**0.076 – 0.25%**

0.76 – 2.5 LB (0.34 – 1.13 kg) per  
1000 LBS of fluid

### PRESERVATIVE FOR CONCRETE ADMIXTURES

ACTICIDE® M10S microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in concrete admixtures.

**0.20 – 0.25%**

2.0 – 2.5 LB per 1000 LBS of  
fluid

# ACTICIDE<sup>®</sup> M10S INFORMATION SHEET



**THIS ACTICIDE<sup>®</sup> M10S INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE<sup>®</sup> M10S**

## DIRECTIONS FOR USE

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

<p><b>*PRESERVATIVE FOR FUELS</b></p> <p>ACTICIDE<sup>®</sup> M10S is recommended for the control of bacteria and fungi in liquid hydrocarbon fuels such as crude oils, aviation fuels, kerosene, heating oil, residential fuels and petrochemical feed stocks.</p> <p><i>*Not approved for this use in the state of California</i></p>	<p><b>For a noticeably fouled system:</b></p> <p>1.2 - 3.4 GAL per 10,000 GAL fuel system</p> <p><b>Maintenance dose:</b></p> <p>0.64 – 1.8 GAL per 10,000 GAL fuel system</p>
<p><b>PRESERVATIVE FOR ADHESIVES AND *TACKIFIERS</b></p> <p>ACTICIDE<sup>®</sup> M10S microbiocide is recommended as an in-container 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> M10S 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><b>0.076 – 0.15%</b></p> <p>0.76 – 1.5 LB per 1000 LBS of fluid</p>
<p><b>PRESERVATIVE FOR DISPERSED PIGMENTS (MINERAL SLURRIES)</b></p> <p>ACTICIDE<sup>®</sup> M10S microbiocide is recommended for the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as kaolin clay, montmorillonite clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate and kieselguhr used in paint and paper products.</p>	<p><b>0.025 – 0.15%</b></p> <p>0.25 – 1.5 LB per 1000 LBS of dispersion</p>
<p><b>*PRESERVATIVE FOR OIL-IN-WATER EMULSIONS</b></p> <p>ACTICIDE<sup>®</sup> M10S 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><b>0.10 – 0.25%</b></p> <p>1.0 – 2.5 LB per 1000 LBS of emulsion</p>

# ACTICIDE® M10S INFORMATION SHEET



**THIS ACTICIDE® M10S INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE® M10S**

## DIRECTIONS FOR USE

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

### **PRESERVATIVE FOR METAL WORKING FLUIDS**

ACTICIDE® M10S microbiocide 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.

#### **For maintenance of a non-fouled system:**

0.8 – 1.6 GAL per 1000 GAL emulsion (75 – 150 ppm active ingredient) every 4 weeks

### **HOUSEHOLD, CONSUMER, INDUSTRIAL, INSTITUTIONAL, JANITORIAL PRODUCTS**

For the control of bacteria and fungi in liquid and semi-solid/solid soaps, liquid and semi-solid/solid cleaners, liquid and semi-solid/solid detergents, liquid and semi-solid/solid laundry products, liquid and semi-solid/solid dishwashing detergents, waxes, polishes, liquid and semi-solid/solid fabric treatment/refreshers products, liquid and semi-solid/solid air fresheners/deodorizers, car care products, and other similar cleaners. ACTICIDE® M10S may also be used for the control of bacteria and fungi in package utility products such as pre-moistened sponges and mops.

#### **APPLICATIONS IN WIPES**

ACTICIDE® M10S 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. This product is not for use in treating/preserving solutions that will be incorporated into personal care wet wipes, baby wipes, or food contact wipes.

For solutions incorporated into household wipes, do not exceed 0.10% ACTICIDE® M10S.

#### **Not for use in aerosol applications.**

#### **APPLICATIONS IN NON-AEROSOL SPRAYS**

For non-aerosol sprays, do not exceed 0.10% ACTICIDE® M10S.

#### **0.04 – 0.16%**

0.4 – 1.6 LB (0.2 – 0.7 kg) per 1000 LBS of treated product

#### **0.04 – 0.10%**

0.4 – 1.0 LB (0.2 – 0.453 kg) per 1000 LBS of treated product



# ACTICIDE<sup>®</sup> M10S INFORMATION SHEET



**THIS ACTICIDE<sup>®</sup> M10S INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE<sup>®</sup> M10S**

## **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<sup>®</sup> M10S microbicide is recommended as a preservative for the control of microorganisms 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.

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

**0.076 – 0.15%**

0.76 – 1.5 LB (0.34 – 0.68 kg) per 1000 LBS of fluid

### **\*IN-CONTAINER PRESERVATIVE**

ACTICIDE<sup>®</sup> M10S 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
- \*surfactants
- \*nutrient solutions
- \*aqueous pesticides which include, but are 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]

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

**0.025 – 0.25%**

0.25 – 2.5 LB per 1000 LBS of treated product to provide 0.025 – 0.25% ACTICIDE M10S in final use solution

ACTICIDE<sup>®</sup> M10S microbicide weighs 8.9 lbs. per gallon