

67071-26

06/15/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



Office of Pesticide Programs

Thor GmbH  
Landwehrstrasse 1  
D-67346,  
Speyer, Germany

JUN 15 2010

**AGENT: Acti-Chem Specialties, Inc.**  
**56 Quarry Road**  
**Trumbull, CT 06611**

Attention: Lynn P. Tordo, MS.  
Regulatory Manager

Subject: ACTICIDE M20S  
EPA Registration No. 67071-26  
Amendment Dated May 19, 2010

The amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable.

**Proposed Amendment**

- Increase in the upper recommended limit on an Existing Use Category
- Corrections of mathematical errors in existing use categories
- Modification of Precautionary statements

**General Comments**

A stamped copy of the "accepted" product labeling is enclosed for your records.

If you have any questions concerning this letter, please contact Marshall Swindell at (703) 308-6341.

Sincerely

Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)

Enclosure

# ACTICIDE<sup>®</sup> M20S



## Precautionary Statements: Hazards to Humans and Domestic Animals

**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:** 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

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

Active Ingredients:  
2-Methyl-4-isothiazolin-3-one.....20.00%  
Inert Ingredients: .....80.00%  
Total:.....100.00%

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

See Side panel for additional precautionary statements

FIRST AID	
<b>If Swallowed:</b>	*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
<b>If on Skin: Or Clothing</b>	*Take off contaminated clothing. *Rinse skin immediately with plenty of water for 15-20 minutes. *Call a poison control center or doctor for treatment.
<b>If Inhaled:</b>	*Move person to fresh air. *If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. *Call a poison control center or doctor for further treatment
<b>If in Eyes:</b>	*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.
<b>HOT LINE NUMBER:</b> 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.	

**UN 3265, CORROSIVE LIQUID, ACIDIC,  
ORGANIC, N.O.S. (2-METHYL-2H-ISOTHIAZOL-  
3-ONE), 8, PG-III**

For Transportation / Spills Emergency:  
Call Chemtrec at 1-800-424-9300

**CORROSIVE. CAUSES EYE DAMAGE AND SKIN BURNS. MAY CAUSE ALLERGIC SKIN REACTION. HARMFUL IF INHALED. MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH THE SKIN.** Do not get in eyes, on skin, on clothing. Wear goggles or face shield and rubber gloves when handling. Do not breathe vapor or spray mist. Avoid contamination of food. Do not take internally. Wash thoroughly after handling.

#### 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, Fuels, Adhesives and Tackifiers, Mineral Slurries and Oil-in-Water emulsions, Textiles/Cordage products and Textile-/Textile Fibers-Making, \*in-container preservative for aqueous products, \*household \*consumer, \*industrial, \*janitorial products and as preservative for metal working fluids. **READ AND FOLLOW THE DIRECTIONS FOR USE ON THE ACCOMPANYING INFORMATION SHEET.**

\*Not approved for use in the state of California

**EPA Reg. No. 67071-26**

Manufactured By/For: Thor GmbH  
D-67346 Speyer, Germany  
Tel. (06232) 6360  
**EPA Est. No. 83434-IL-001**  
U.S. Office: Thor Specialties, Inc.  
56 Quarry Road, Trumbull, CT  
06611 USA Tel. (203) 365-6530

**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.

**ACCEPTED  
with COMMENTS**

**EPA Letter Dated:**

**Net Contents (pounds):**

JUN 15 2010

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 67071-26

<b>Batch:</b>	<b>Mfg Date:</b>	<b>Net Contents (pounds):</b>
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# ACTICIDE<sup>®</sup> M20S INFORMATION SHEET



**THIS ACTICIDE<sup>®</sup> M20S INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE<sup>®</sup> M20S**

### 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<sup>®</sup> M20S 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. Add 0.5 - 1.25 lbs. ACTICIDE<sup>®</sup> M20S (0.23 - 0.58 kg) to 1000 lbs. (456 kg) of emulsion to provide 100 - 250 ppm active ingredient.

**PRESERVATIVE FOR PAINTS AND COATINGS:** ACTICIDE<sup>®</sup> M20S 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 0.038 - 0.125% ACTICIDE<sup>®</sup> M20S (0.38 - 1.25 lbs. per 1000 lbs. of paint or coating fluid formulation) to provide 76 - 250 ppm of active ingredient.

**PRESERVATIVE FOR BUILDING MATERIALS:** ACTICIDE<sup>®</sup> M20S 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. Add 0.38 - 0.75 lbs. ACTICIDE<sup>®</sup> M20S (0.17 - 0.34 kg) per 1000 lbs of fluid to provide 75 - 150 ppm active ingredient.

**PRESERVATIVE FOR FUELS:** ACTICIDE<sup>®</sup> M20S 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.

As a maintenance dose, add 0.32 - 0.9 gal. ACTICIDE<sup>®</sup> M20S per 10,000 gal. fuel system to provide 8 - 22 ppm active ingredient.

For noticeably fouled systems, add 0.6 - 1.25 gallons of ACTICIDE<sup>®</sup> M20S per 10,000 gal. fuel system to provide 15 - 30 ppm active ingredient.

**PRESERVATIVE FOR ADHESIVES AND TACKIFIERS:** ACTICIDE<sup>®</sup> M20S 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> M20S microbiocide is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins. Add 0.38 - 0.75 lbs. of ACTICIDE<sup>®</sup> M20S to 1000 lbs. of fluid to provide 75 - 150 ppm active ingredient.

**PRESERVATIVE FOR DISPERSED PIGMENTS (MINERAL SLURRIES):** ACTICIDE<sup>®</sup> M20S 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. Add 0.125 - 0.75 lbs of ACTICIDE<sup>®</sup> M20S per 1000 lbs of dispersion to provide 25 - 150 ppm active ingredient.

**PRESERVATIVE FOR OIL-IN-WATER EMULSIONS:** ACTICIDE<sup>®</sup> M20S is recommended for use in spin-finish solutions used in the textile industry and photographic emulsions. Add 0.5 - 1.25 lbs ACTICIDE<sup>®</sup> M20S to 1000 lbs of emulsion to provide 100 - 250 ppm active ingredient.

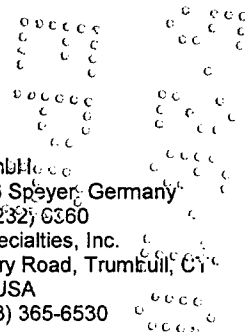
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Under the Federal Insecticide,  
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Manufactured For: Thor GmbH  
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Tel. (06232) 6360  
U.S. Office:  
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56 Quarry Road, Trumbull, CT  
06611 USA  
Tel. (203) 365-6530



# ACTICIDE® M20S INFORMATION SHEET



**THIS ACTICIDE® M20S INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE® M20S**

### 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® M20S microbiocide is recommended for the control of bacteria and fungi in aqueous metal working fluid solutions and emulsions.

Add 0.01 – 0.03% (12 - 35 fluid ounces ( 0.85- 2.5 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 0.02 – 0.10% (24 – 117.3 to 8 fluid ounces (1.7 – 8.4 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.

**\*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/refreshers products, liquid and solid air fresheners/deodorizers, car care products, and other similar cleaners. ACTICIDE® M20S may also be used for the control of bacteria and fungi in package utility products such as pre-moistened sponges and mops. ACTICIDE® M20S 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, or as baby wipes. Add 0.2 - 0.8 lbs (0.1 - 0.4 kg) ACTICIDE® M20S per each 1000 lbs of treated product to provide 40-160 ppm active ingredients.

ACTICIDE® M20S 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 0.02% to 0.08% ACTICIDE® M20S microbiocide. \* Not approved for this use in the state of California

**\*IN-CONTAINER PRESERVATIVE:** ACTICIDE® M20S 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 [includes use as an in-container preservative for the control of bacteria and fungi in pesticide products for dilution]. Add 0.125 – 1.25 lbs. ACTICIDE® M20S per each 1000 lbs. of treated product to provide 25 - 250 ppm active ingredients in final use solution. \* Not approved for this use in the state of California

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

ACTICIDE® M20S microbiocide 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 0.38 - 0.75 lbs. ACTICIDE® M20S (0.17 - 0.34 kg) per 1000 lbs. of fluid to provide 75 - 150 ppm of active ingredient.

ACTICIDE® M20S microbiocide weighs 9.2 lbs. per gallon

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