

67071-26

5/23/2014

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

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

MAY 23 2014

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

SUBJECT: Acticide M20S
EPA Registration Number: 67071-26
Application Dated: February 20, 2014
Receipt Date: February 28, 2014

Dear Ms. Woodward:

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

- To increase the minimum use level for some of the uses listed on the label.
- To modify/clarify use categories as described on the attached Confidential Explanation.

Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data. A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one (1) 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 it's implementing regulation at 40 CFR 152.3.

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

Sincerely,

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

ACTICIDE® M20S



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	
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. > 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 on Skin: Or Clothing	<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 by mouth-to-mouth, if possible. > Call a poison control center or doctor for further treatment.
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. > Call a poison control center or doctor for 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.

**UN 3265, CORROSIVE LIQUID, ACIDIC,
 ORGANIC, N.O.S.**

(2-methylisothiazol-3(2H)-one), 8, PG-III

For Transportation / Spills Emergency:

Call Chemtrec at 1-800-424-9300

Precautionary Statements:

Hazards to Humans and Domestic Animals

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.**

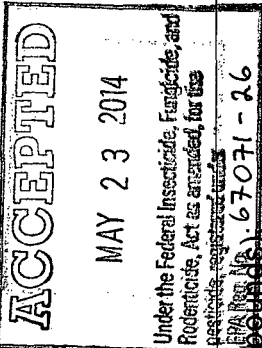
*Not approved for use in the state of California

EPA Reg. No. 67071-26 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

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 (Gross):

ACTICIDE® M20S INFORMATION SHEET



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

DIRECTIONS FOR USE

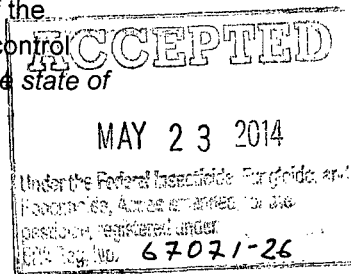
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

PRESERVATIVE FOR LATICES: ACTICIDE® 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® 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® 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 - 0.075% ACTICIDE® M20S (0.38 - 0.75 lbs. per 1000 lbs. of paint or coating fluid formulation) to provide 76 - 150 ppm of active ingredient.

***Special purpose coating uses:** Include use as a: <> preservative for electrodeposition paints or solutions, <> preservative for photoplatin 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® M20S 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® M20S 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® M20S 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 0.125% ACTICIDE® M20S microbiocide (based on the total gallons of fluid in the system). Repeat until control is achieved. When microbial control is evident, add up to 0.125% ACTICIDE® M20S (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



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ACTICIDE[®] M20S 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.

***Treatment of Electrodeposition Paint Components:** Initial Dose of Paint Components: ACTICIDE[®] M20S 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*

***Photo/Photoplate Processing and Fountain Solutions:**

ACTICIDE[®] M20S microbiocide is recommended for the control of bacteria and fungi in photo/photoplate processing such as stabilizer solutions and in fountain solutions. ACTICIDE[®] M20S microbiocide should be added to achieve the recommended dosage range for fountain solutions and photoplate processing chemicals of 0.038% to 0.125% on a total weight basis. A level adjustment may be necessary to accommodate the slight change in solution formulations. ACTICIDE[®] M20S may be added to concentrates at levels higher than 0.125% so long as the final use-dilution product contains not more than 250 ppm active ingredients

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

NOTE: To insure uniform mixing, add ACTICIDE[®] M20S 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.

***Ink/Ink Components:**

ACTICIDE[®] M20S microbiocide is recommended for water-based printing inks such as flexographic, gravure, screen and ink jet types. ACTICIDE[®] M20S 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[®] M20S microbiocide should be added to achieve the recommended dosage range for ink and ink components of 0.07% to 0.125% on a total weight basis. A level adjustment may be necessary to accommodate the slight change in solution formulations. ACTICIDE[®] M20S may be added to concentrates at levels higher than 0.125% so long as the final use-dilution product contains not more than 250 ppm active ingredients

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

NOTE: To insure uniform mixing, add ACTICIDE[®] M20S 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.

ACCEPTED
MAY 23 2014
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the sale, distribution, and use of ACTICIDE[®] M20S, registered under EPA Reg. No. 67071-26

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ACTICIDE[®] M20S 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.

***PRESERVATIVE FOR BUILDING MATERIALS:** ACTICIDE[®] 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 - 1.25 lbs ACTICIDE[®] M20S (0.17 - 0.57 kg) per 1000 lbs of fluid to provide 75 -250 ppm active ingredient. **Not approved for this use in the state of California*

***PRESERVATIVE FOR CONCRETE ADMIXTURES:** ACTICIDE[®] M20S microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in concrete admixtures. Add 1.0 - 1.25 lbs ACTICIDE[®] M20S per 1000 lbs of fluid to provide 200 - 250 ppm active ingredient. **Not approved for this use in the state of California*

***PRESERVATIVE FOR FUELS:** ACTICIDE[®] 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.

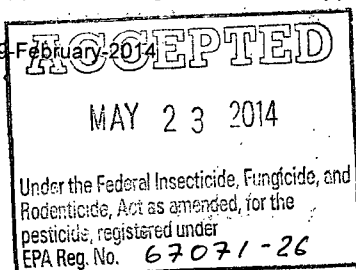
As a maintenance dose, add 0.32 - 0.9 gal. ACTICIDE[®] M20S per 10,000 gal. fuel system to provide 8 - 22 ppm active ingredient.

For noticeably fouled systems, add 0.6 - 1.25 gallons of ACTICIDE[®] M20S per 10,000 gal. fuel system to provide 15 - 30 ppm active ingredient. **Not approved for this use in the state of California*

***PRESERVATIVE FOR ADHESIVES AND TACKIFIERS:** ACTICIDE[®] 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[®] M20S microbiocide is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins. Add 0.38 - 1.25 lbs. of ACTICIDE[®] M20S to 1000 lbs. of fluid to provide 75 -250 ppm active ingredient. **Not approved for this use in the state of California*

***PRESERVATIVE FOR DISPERSED PIGMENTS (MINERAL SLURRIES):** ACTICIDE[®] 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[®] M20S per 1000 lbs of dispersion to provide 25 - 150 ppm active ingredient. **Not approved for this use in the state of California*



EPA Reg. No. 67071-26
Manufactured 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

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ACTICIDE[®] M20S INFORMATION SHEET



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DIRECTIONS FOR USE

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***PRESERVATIVE FOR OIL-IN-WATER EMULSIONS:** ACTICIDE[®] M20S is recommended for use in spin-finish solutions used in the textile industry and photographic emulsions. Add 0.5 - 1.25 lbs ACTICIDE[®] M20S to 1000 lbs of emulsion to provide 100 - 250 ppm active ingredient. **Not approved for this use in the state of California*

***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.

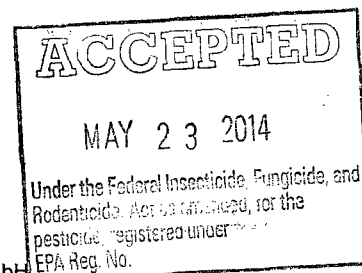
Add 0.4 – 0.8 gal ACTICIDE[®] M20S per 1000 gallons of emulsion (75 – 150 ppm active ingredient) every 4 weeks for maintenance of a non-fouled system.

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 this use in the state of California*

HOUSEHOLD CONSUMER, INDUSTRIAL, JANITORIAL PRODUCTS: For the control of bacteria and fungi in liquid and solid/semi-solid soaps, liquid and solid/semi-solid cleaners, liquid and solid/semi-solid detergents, liquid and solid/semi-solid laundry products, liquid and solid/semi-solid dishwashing detergents, waxes, polishes, liquid and solid/semi-solid fabric treatment/refreshers products, liquid and solid/semi-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 from 0.02% to 0.08% ACTICIDE[®] M20S microbiocide.



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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
- *surfactants
- *nutrient solutions
- *aqueous pesticides which includes, but is 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].

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 these uses in the state of California.*

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

ACTICIDE® M20S 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. 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.

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

ACTICIDE® M20S microbicide weighs 9.2 lbs. per gallon

