



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Antimicrobials Division (7510P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

67071-139

Date of Issuance:

10/6/25

NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

ACTICIDE MBS 1580-F

Name and Address of Registrant (include ZIP Code):

Keiona Pasco  
Thor Specialties, Inc. for Thor GmbH  
Landwehrstrasse 1. D-67346 Speyer, Germany  
Electronic Transmittal: [kpasco@thorsp.com](mailto:kpasco@thorsp.com)

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials 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 under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

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.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(C). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Steven Snyderman, Product Manager 33  
Regulatory Management Branch II  
Antimicrobials Division (7510M)  
Office of Pesticide Programs

Date:

10/6/25

2. You are required to comply with the data requirements described in the DCI Order identified below:
  - a. 1,2-Benzisothiazolin-3-one GDCI- 098901-1466
  - b. 2-Methyl-4-isothiazolin-3-one GDCI-107104-1479

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI Order listed above, you may contact the Reevaluation Team Leader (Team 36): <https://www.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobials-division>

3. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 67071-139.”
4. Submit one copy of the final printed label for the record before you release the product for shipment.

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 FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). 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) lists 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, FIFRA section 12(a)(1)(B). 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 Assurance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 09/09/2025

Additionally, the following Alternate Brand Name (ABN) has been added to the record:

- ACTICIDE MBS 1580

If you have any questions, please contact Linda Amar via email at [amar.linda@epa.gov](mailto:amar.linda@epa.gov).

Enclosure: Final Stamped Label

{All text in brackets {xxx} is optional and may or may not be intended on a final label.}  
{All text in braces {xxx} is administrative and will not appear on a final label.}  
Container Label # 000-00 V001 – 19-NOV-2024

# ACTICIDE® MBS 1580-F



## 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-XXX 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 .....	8.0%
2-Methyl-4-isothiazolin-3-one.....	1.5%
Inert Ingredients: .....	90.5%
Total: .....	100.0%

## KEEP OUT OF REACH OF CHILDREN DANGER/PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)  
{Note to Reviewer: In accordance with 40 CFR 156.68(d), all first aid statements, as prescribed, will appear on the front panel of the label.}  
See Side panel for additional precautionary statements

FIRST AID
<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 eye. ➤Call a poison control center or doctor for treatment advice.
<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 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 Inhaled:</b> ➤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.
<b>For Transportation / Spill Emergency: Call Chemtrec at 1-800-424-9300</b>

## Precautionary Statements: Hazards to Humans and Domestic Animals DANGER

DANGER. Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Wear appropriate protective eyewear such as goggles, face shield, or safety glasses. Wear coveralls over long-sleeved shirt and long pants, socks, chemical-resistant footwear, waterproof gloves, and a chemical-resistant apron, when mixing and loading. Wash thoroughly with soap and water after handling and before eating, drinking, and chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

## 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 [\*]paints and coatings, [\*]polymer latices, [\*]building materials, [\*]adhesives and [\*]tackifiers, [\*]mineral slurries, [\*]oil-in-water emulsions, [\*]in-container preservative for aqueous products, [\*]household consumer, industrial, janitorial products, [\*]pet litter, [\*]pet care, [\*]aqueous compositions, [\*]metal working fluids, [\*]textiles/cordage products and [\*]textile/textile fibers-making.

READ AND FOLLOW THE DIRECTIONS FOR USE ON THE ACCOMPANYING INFORMATION SHEET.  
[\*Not a use registered by 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

**ACCEPTED**

**10/06/2025**

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 67071-139

Batch:

Mfg Date:

Net Contents (pounds):  
(gallons):

# ACTICIDE® MBS 1580-F

## INFORMATION SHEET



**THIS ACTICIDE® MBS 1580-F INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE® MBS 1580-F**

### DIRECTIONS FOR USE

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<p><b>[*]POLYMERS:</b></p> <p>Includes polymer emulsions, latexes, dispersions, suspensions, solutions, resins and semi-solid compositions (including process wash solutions). This encompasses polymers based on synthetic monomers as well as natural monomers derived from biomass or biological synthesis.</p> <p>ACTICIDE® MBS 1580-F is recommended for the prevention of bacterial and fungal spoilage of liquid (aqueous) and semi-solid polymers during manufacture, transport and storage.</p> <p><b>CONCENTRATES:</b></p> <p>ACTICIDE® MBS 1580-F may be added to those products formulated as concentrates, which in turn are diluted for use at a level to ensure that the final use-dilution product will not exceed the maximum concentration of ACTICIDE® MBS 1580-F indicated.</p> <p><b>SUPPLEMENTAL DOSING:</b></p> <p>Depending on the nature/severity of the contamination, if analysis indicates a loss of active ingredient(s) and further microbial control is necessary, product may be dosed with additional ACTICIDE® MBS 1580-F at a level to ensure that the final use-dilution product will not exceed the maximum concentration indicated (380 ppm active ingredient).</p> <p>[*Not a use registered by California]</p>	<p><b>0.10 – 0.40%</b></p> <p>Add 1.0 – 4.0 lbs. to 1000 lbs. of emulsion to provide 95 – 380 ppm active ingredient.</p>
<p><b>[*]PRESERVATIVE FOR PAINTS AND COATINGS:</b></p> <p>ACTICIDE® MBS 1580-F 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><b>0.10 – 0.40%</b></p> <p>Add 1.0 – 4.0 lbs. to 1000 lbs. of paint or coating fluid formulation to provide 95 - 380 ppm active ingredient.</p>

# ACTICIDE® MBS 1580-F

## INFORMATION SHEET



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### **DIRECTIONS FOR USE**

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**[\*]Special purpose coating uses:** Include use as a preservative for:

- electrodeposition paints or solutions (compatibility to be assessed)
- photoplatin solutions or coatings (compatibility to be assessed)
- 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.

The application/addition directions for these special purpose coating uses are:

**[\*]Electrodeposition:** ACTICIDE® MBS 1580-F 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 1580-F 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® MBS 1580-F 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 0.3% ACTICIDE® MBS 1580-F microbiocide (based on the total gallons of fluid in the system). Repeat until control is achieved. When microbial control is evident, add up to 0.40% ACTICIDE® MBS 1580-F (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 a use registered by California]

**[\*]Treatment of Electrodeposition Paint Components:**

Initial Dose of Paint Components: ACTICIDE® MBS 1580-F 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 380 ppm isothiazolones.

[\*Not a use registered by California]

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#### **[\*]Photoplate Processing, [\*]Photo Processing, [\*]Fountain Solutions, and [\*]Ink/Ink Components:**

ACTICIDE® MBS 1580-F microbiocide is recommended for the control of bacteria and fungi in [\*]photoplate processing such as stabilizer solutions and in [\*]fountain solutions. ACTICIDE® MBS 1580-F microbiocide is recommended for [\*]water-based printing inks such as flexographic, gravure, screen and ink jet types. ACTICIDE® MBS 1580-F microbiocide is recommended for the control of bacteria and fungi in printing ink components such as resins, plasticizers, water soluble dyes, pigments, gelling agents, waves, surfactants, and thickeners. ACTICIDE® MBS 1580-F microbiocide should be added to achieve the recommended dosage range for ink, ink components, [\*]fountain solutions and [\*]photoplate processing chemicals of 0.10% to 0.40% on a total weight basis. A level adjustment may be necessary to accommodate the slight change in solution formulations. Up to 400 lb ACTICIDE® MBS 1580-F per 1,000 lbs of concentrate may be added to concentrates so long as the final use-dilution product contains not more than 380 ppm active ingredients.

[\*Not a use registered by California]

**NOTE:** To insure uniform mixing, add ACTICIDE® MBS 1580-F 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.

#### **[\*]PRESERVATIVE FOR BUILDING MATERIALS:**

ACTICIDE® MBS 1580-F microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in building materials (including process wash solutions) such as mastics, caulks, joint cements, spackles and grouts, and concrete admixtures.

[\*Not a use registered by California]

#### **0.10 – 0.40%**

Add 1.0 – 4.0 lbs. to 1000 lbs. of fluid to provide 95 - 380 ppm active ingredient.

#### **[\*]PRESERVATIVE FOR LUBRICANTS:**

As an in-container preservative or for the control of bacteria and fungi in lubricants based on mineral oils, petrochemicals, natural compounds or combinations thereof, servicing all market sectors including: automotive, construction, metal processing, agriculture, mining, oil and gas, transportation, water, energy, rubber, plastic, steel, paper, and food and beverage industries.

[\*Not a use registered by California]

#### **0.10 – 0.40%**

Add 1.0 – 4.0 lbs. to 1000 lbs. of fluid to provide 95 380 ppm active ingredient.

# ACTICIDE® MBS 1580-F

## INFORMATION SHEET



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### DIRECTIONS FOR USE

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<p><b>PRESERVATIVE FOR [*]ADHESIVES AND [*]TACKIFIERS:</b></p> <p>ACTICIDE® MBS 1580-F microbiocide is recommended as a preservative for the control of bacteria and fungi in water soluble and water dispersed adhesives (including process wash solutions) such as animal glues, vegetable glues, natural rubber latices, polyvinyl acetate, styrene-butadiene and acrylic latices. ACTICIDE® MBS 1580-F microbiocide is recommended as a preservative for [*]tackifiers derived from rosin and hydrocarbon resins.</p> <p>[*Not a use registered by California]</p>	<p><b>0.10 – 0.40%</b></p> <p>Add 1.0 – 4.0 lbs. to 1000 lbs. of fluid to provide 95 - 380 ppm active ingredient.</p>
<p><b>[*]PRESERVATIVE FOR DISPERSED PIGMENTS (MINERAL SLURRIES):</b></p> <p>ACTICIDE® MBS 1580-F 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><b>SUPPLEMENTAL DOSING:</b> Depending on the nature/severity of the contamination, if analysis indicates a loss of active ingredient(s) and further microbial control is necessary, product may be dosed with additional ACTICIDE® MBS 1580-F at a level to ensure that the final use-dilution product will not exceed the maximum concentration indicated (380 ppm active ingredient).</p> <p>[*Not a use registered by California]</p>	<p><b>0.05 – 0.30%</b></p> <p>Add 0.50 – 3.0 lbs. to 1000 lbs. of dispersion to provide 48 - 285 ppm active ingredient.</p>
<p><b>[*]PRESERVATIVE FOR OIL-IN-WATER EMULSIONS:</b></p> <p>ACTICIDE® MBS 1580-F is recommended for use in spin-finish solutions (including process wash solutions) used in the textile industry and photographic emulsions.</p> <p>[*Not a use registered by California]</p>	<p><b>0.10 – 0.40%</b></p> <p>Add 1.0 – 4.0 lbs. to 1000 lbs. of emulsion to provide 95 - 380 ppm active ingredient.</p>



# ACTICIDE® MBS 1580-F

## INFORMATION SHEET



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<p><b>[*]IN-CONTAINER PRESERVATIVE:</b></p> <p>ACTICIDE® MBS 1580-F is recommended as an in-container preservative for the control of bacteria and fungi in aqueous products such as aqueous emulsions and dispersions (including process wash solutions) such as 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><b>CONCENTRATES:</b></p> <p>ACTICIDE® MBS 1580-F 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 0.10% and 0.40% ACTICIDE® MBS 1580-F microbiocide.</p> <p>[*Not a use registered by California]</p>	<p><b>0.10 – 0.40%</b></p> <p>Add 1.0 – 4.0 lbs. to 1000 lbs. of treated product to provide 95 - 380 ppm active ingredient.</p>
<p><b>[*]HOUSEHOLD CONSUMER PRODUCTS:</b></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/refreshers products, liquid and solid air fresheners/deodorizers, car care products, and other similar cleaners. ACTICIDE® MBS 1580-F may also be used for the control of bacteria and fungi in package utility products such as pre-moistened sponges and mops.</p> <p><b>APPLICATIONS IN WIPES</b></p> <p>ACTICIDE® MBS 1580-F may also be used for the control of bacteria and fungi in solutions that are then put into/onto wet wipes for use in residential and household uses cited above. This product is not for use in treating/preserving solutions that will be incorporated into personal care wipes, baby wipes, or food contact wipes.</p> <p>[*Not a use registered by California]</p>	<p><b>0.05 – 0.40%</b></p> <p>Add 0.5 - 4.0 lbs. to 1000 lbs. of product to be protected to provide 47.5 - 380 ppm active isothiazolones.</p>



# ACTICIDE® MBS 1580-F

## INFORMATION SHEET



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### DIRECTIONS FOR USE

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<p><b>[*]INDUSTRIAL / INSTITUTIONAL / JANITORIAL PRODUCTS:</b></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/refreshers products, liquid and solid air fresheners/deodorizers, car care products, and other similar cleaners.</p> <p>ACTICIDE® MBS 1580-F microbicide may also be used for the control of bacteria and fungi in package utility products such as pre-moistened sponges and mops.</p> <p><b>APPLICATIONS IN WIPES</b></p> <p>ACTICIDE® MBS 1580-F microbicide 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 and commercial uses cited above. This product is not for use in treating/preserving solutions that will be incorporated into personal care wipes, baby wipes, or food contact wipes.</p> <p>[*Not a use registered by California]</p>	<p><b>0.05 – 0.40%</b></p> <p>Add 0.5 - 4.0 lbs. to 1000 lbs. of product to be protected to provide 47.5 - 380 ppm active isothiazolones.</p>
<p><b>[*]CONCENTRATES FOR USE IN INDUSTRIAL / INSTITUTIONAL / JANITORIAL USE</b></p> <p>ACTICIDE® MBS 1580-F microbicide 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 0.40% ACTICIDE® MBS 1580-F microbicide.</p> <p>[*Not a use registered by California]</p>	
<p><b>[*]PRESERVATIVE FOR PET LITTER:</b></p> <p>ACTICIDE® MBS 1580-F microbicide is recommended for the control of odor causing bacteria in pet litter.</p> <p>[*Not a use registered by California]</p>	<p><b>0.1 – 0.25%</b></p> <p>Add 1.0 – 2.5 lbs. to 1000 lbs. of litter.</p>
<p><b>[*]PRESERVATIVE FOR PET CARE PRODUCTS:</b></p> <p>ACTICIDE® MBS 1580-F microbicide is recommended as an in-container preservative for the control of bacteria and fungi in pet care products, such as pet shampoos, detangling conditioners, bedding cleaners and deodorizers, and cage cleaners.</p> <p>[*Not a use registered by California]</p>	<p><b>0.05 – 0.40%</b></p> <p>Add 0.5 - 4.0 lbs. to 1000 lbs. of product to be protected to provide 47.5 - 380 ppm active isothiazolones.</p>

# ACTICIDE® MBS 1580-F

## INFORMATION SHEET



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### DIRECTIONS FOR USE

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<p><b>[*]AQUEOUS COMPOSITIONS:</b></p> <p>As an in-container preservative to inhibit non-public health bacteria and fungi in the manufacture and storage of aqueous compositions including:</p> <ul style="list-style-type: none"><li>[*]surfactants</li><li>[*]foam-control products</li><li>[*]dispersants</li><li>[*]emulsions</li><li>[*]wax emulsions</li><li>[*]specialty slurries (including fragrance slurries)</li><li>[*]rheology modifiers</li></ul> <p>For nonfood contact use only</p> <p>[*Not a use registered by California]</p>	<p><b>0.10 – 0.40%</b></p> <p>Add 1.0 – 4.0 lbs. to 1000 lbs. of treated product to provide 95 - 380 ppm active ingredients.</p>
<p><b>[*]PRESERVATIVE FOR METAL WORKING FLUIDS:</b></p> <p>ACTICIDE® MBS 1580-F 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><b>CONCENTRATES:</b></p> <p>ACTICIDE® MBS 1580-F 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 0.10% and 0.40% ACTICIDE® MBS 1580-F microbiocide.</p> <p>[*Not a use registered by California]</p>	<p><b>0.10 – 0.40%</b></p> <p>Add 1.0 gallons (8.53 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 4.0 gallons (34.12 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>

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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><b>[*]PRESERVATIVE FOR TEXTILES/CORDAGE PRODUCTS AND TEXTILE-/TEXTILE-FIBERS MAKING:</b></p> <p>ACTICIDE® MBS 1580-F 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>[*Not a use registered by California]</p>	<p><b>0.10 – 0.40%</b></p> <p>Add 1.0 – 4.0 lbs. to 1000 lbs. of fluid to provide 95 - 380 ppm active ingredients.</p>
<p><b>[*]AQUEOUS PIGMENTS, COLORANTS AND DYES</b></p> <p>As an in-container preservative for the control of bacteria and fungi in the manufacture and storage of aqueous organic and inorganic pigment dispersions, suspensions &amp; solutions such as colorants, tinters, dyes and optical brighteners or enhancers.</p> <p><b>SUPPLEMENTAL DOSING:</b> Depending on the nature/severity of the contamination, if analysis indicates a loss of active ingredient(s) and further microbial control is necessary, product may be dosed with additional ACTICIDE® MBS 1580-F at a level to ensure that the final use-dilution product will not exceed the maximum concentration indicated (380 ppm active ingredient).</p> <p>[*Not a use registered by California]</p>	<p><b>0.10 % - 0.40%</b></p> <p>Add 1.0 – 4.0 Lb to 1000 Lb formulation to provide 95 - 380 ppm active ingredients</p>
<p><b>[*]INDUSTRIAL PROCESS WASH SOLUTIONS</b></p> <p>As an in-container preservative for the control of bacteria, yeasts and molds in process wash solutions and compositions</p> <p>[*Not a use registered by California]</p>	<p><b>0.10 % - 0.40%</b></p> <p>Add 1.0 – 4.0 Lb to 1000 Lb formulation to provide 95 - 380 ppm active ingredients</p>

ACTICIDE® MBS 1580-F microbiocide weighs 8.53 lbs. per gallon