



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

EPA Reg. Number:

67071-131

Date of Issuance:

3/30/23

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

ACTICIDE® MV 4

Name and Address of Registrant (include ZIP Code):

Oliva Watson
 U.S. Agent: Thor Specialties Inc. for Thor GmbH
 50 Waterview Drive
 Shelton, CT 06484
 Electronic Transmittal: owatson@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)(A). 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:

3/30/23

2. You are required to comply with the data requirements described in the DCI Identified below:
 - a. 5-Chloro-2-methyl-4-isothiazolin-3-one (CMIT): GDCI-107103-1709
 - b. 2-Methyl-4-isothiazolin-3-one (MIT): GDCI-107104-1479

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.
4. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 67071-131.”
5. 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 February 7, 2023

If you have any questions, please contact Zebora Johnson by phone at (202) 566-0730 or via email at johnson.zebora@epa.gov.

Enclosure: Approved 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 # -00 V000 – 8-MAR-2023



ENVIRONMENTAL HAZARDS

This pesticide is toxic to 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.

PHYSICAL AND CHEMICAL HAZARD

This product is corrosive to mild steel.

STORAGE AND DISPOSAL

PROHIBITIONS: This product is corrosive to mild steel.

PESTICIDE STORAGE: 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: Plastic non-refillable container: Triple rinse as follows: 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 or reconditioning, or puncture and dispose of in a sanitary landfill or by incinerator or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state.

[OR]

CONTAINER DISPOSAL: Non-refillable containers [> 5 gallons in size]. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Empty tote container may be returned to a tote collection agent. Residue removal – Cleaning container before final disposal is the responsibility of the person disposing of the container. To clean container before final disposal, fill container about 10 percent full with water; agitate container vigorously; discard rinsate according to pesticide disposal instructions; repeat this rinsing procedure two more times. Then offer recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. For additional container disposal information, contact product supplier.]

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

CONDITIONS OF SALE AND WARRANTY

Thor GmbH warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. THOR GMBH MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Handling, storage and use of the product by Buyer or User are beyond the control of Thor GmbH and Seller. Risks such as ineffectiveness or other unintended consequences resulting from, but not limited to, failure to follow label directions will be assumed by the Buyer or User. IN NO CASE WILL THOR GMBH OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

ACTICIDE® MV 4

ACTIVE INGREDIENTS:

5-Chloro-2-methyl-4-isothiazolin-3-one3.03%
2-Methyl-4-isothiazolin-3-one 1.00%

OTHER INGREDIENTS:95.97%

TOTAL:100.00%

ACTICIDE® MV 4 microbiocide weighs 8.35 lb. per gallon

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

{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

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.)

FIRST AID	
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 eye. ➢ Call a poison control center or doctor for treatment advice.
If on Skin or Clothing:	<ul style="list-style-type: none"> ➢ Take off contaminated clothing. ➢ Rinse skin immediately with plenty of water for 15-20 minutes. ➢ Call a poison control center or doctor for treatment.
If Inhaled:	<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 mouth-to-mouth if possible. ➢ Call a poison control center or doctor for treatment.
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 by a poison control center or doctor. ➢ Do not give anything to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOT LINE NUMBER: In case of emergency, for additional information call toll free 1-800-424-9300.	

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]

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

DANGER. Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Do not breathe vapor or spray mist. Wear protective eyewear such as goggles or face shield. Wear coveralls over long-sleeved shirt and long pants, socks, chemical-resistant footwear, and chemical-resistant gloves. Wear a chemical-resistant apron when mixing and loading. Wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N, R, or P filter; OR a NIOSH-approved powdered air purifying respirator with a HE filters. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

DIRECTIONS FOR USE

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

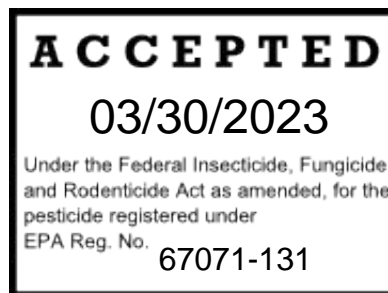
Industrial microbiocide for use in [*]paints and coatings, [*]polymers, [*]dispersed pigments, [*]adhesives, [*]building materials, [*]aqueous compositions and in [*]industrial process wash waters.

READ AND FOLLOW THE DIRECTIONS FOR USE ON THE ACCOMPANYING INFORMATION SHEET.

[*Not approved for these uses in the State of California]

UN 3265,

CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (mixture, containing 5-Chloro-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1)), 8, PG-II



Batch:	Mfg Date:	Net Contents (pounds): (gallons):
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ACTICIDE[®] MV 4 INFORMATION SHEET



THIS ACTICIDE[®] MV 4-F INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE[®] MV 4

DIRECTIONS FOR USE

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

[*]PAINTS AND COATINGS

ACTICIDE[®] MV 4 is recommended as an in-container preservative for the control of bacteria and fungi in water based coatings such as architectural, industrial & OEM paints, paper coatings and [*]special purpose coatings

For storage during high temperatures and humidity or for highly susceptible systems.

[*]Specifically for a wood coating, ACTICIDE[®] MV 4 is recommended for the protection of wood and wood products such as landscape timbers, fences, posts, pilings, cross ties, decks and similar exterior structures, from mold and mildew. As a pressure treatment for mold and mildew control for southern yellow pine, hemlock, ponderosa pine and other soft woods. Thoroughly wet and allow to dry. A single application will afford protection for 12 weeks.

Under extreme mildew conditions. Thoroughly wet and allow to dry. A single application will afford protection for 12 weeks.

[*]Special purpose coatings include:

- Electrodeposition coatings and components
- Photoplatin solutions, coatings and components
- Wood coatings, stains & varnishes

[*]Electrodeposition systems:

ACTICIDE[®] MV 4 is recommended as a tankside additive for the control of bacteria, fungi, and algae in re-circulating electrodeposition paint systems at a point to ensure uniform mixing.

INITIAL DOSE: When the system is noticeably fouled, 2.3 – 8.2 gallons per 10,000 gallon of fluid in the system (10-35 ppm active ingredient). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 1.2 – 3.5 gallons per 10,000 gallons of fluid in the system (5- 15 ppm active ingredient). A change of frequency of treatment may be required depending upon the rate of dilution of the preservative with the makeup fluid, the nature and severity of contamination, level control required, filtration effectiveness and system design.

Alternately, ACTICIDE[®] MV 4 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 5- 35 ppm active ingredient.

For nonfood contact use only

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

0.018 – 0.061%

0.18– 0.61 lb per 1000 lb coating to provide 7.25 – 24.58 ppm active ingredient

Up to 0.11%

1.1 lb per 1000 lb coating

4.86 – 9.73 lb per 1000 gal wood treatment solution

ACTICIDE[®] MV 4 INFORMATION SHEET



THIS ACTICIDE[®] MV 4-F INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE[®] MV 4

DIRECTIONS FOR USE

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

<p>[*]POLYMERS Includes polymer emulsions, latexes, dispersions, suspensions, solutions, resins & semi-solid compositions. This encompasses polymers based on synthetic monomers as well as natural monomers derived from biomass or biological synthesis. ACTICIDE[®] MV 4 is recommended for the prevention of bacterial and fungal spoilage of liquid (aqueous) and semi-solid polymers during manufacture, transport and storage. <i>[*Not approved for this use in the State of California]</i></p>	<p>0.018 – 0.12% 0.18 – 1.2 lb per 1000 lb polymer to provide 7.25 – 48.36 ppm active ingredients</p>
<p>[*]DISPERSED PIGMENTS PRESERVATION: ACTICIDE[®] MV 4 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, dispersed colorants and kieselguhr used in paint and paper production. <i>[*Not approved for this use in the State of California]</i></p>	<p>0.022 – 0.082% 0.22 – 0.82 lb per 1000 lb fluid to provide 8.87 – 33.05 ppm active ingredients</p>
<p>[*]ADHESIVES AND TACKIFIERS As an in-container preservative for the control of bacteria and fungi in water soluble and water-dispersed adhesives based on natural, synthetic or hybrid polymers, such as animal glues, casein glues, vegetable glues, natural rubber latex, synthetic latexes (including acrylic, vinyl acetate, styrene butadiene homo or heteropolymers) and tackifiers derived from natural or synthetic origin such as rosin, gum or hydrocarbons. For storage during high temperatures and humidity or for highly susceptible systems. For nonfood contact use only <i>[*Not approved for this use in the State of California]</i></p>	<p>0.018– 0.061% Add 0.18 – 0.61 lb to 1000 lb adhesive or tackifier to provide 7.25 – 24.58 ppm active ingredients Up to 0.11% 1.1 lb per 1000 lb coating</p>
<p>[*]PRESERVATIVE FOR BUILDING MATERIALS As an in-container preservative for the control of bacteria and fungi in the manufacture and storage of building materials of natural or synthetic origin including grouts, joint compounds, sealants, mastics, stucco, caulks, sealers, insulation, fire-retardant compounds & sound-proofing compounds <i>[*Not approved for this use in the State of California]</i></p>	<p>0.018– 0.061% Add 0.18– 0.61 lb to 1000 lb building material to provide 7.25 – 24.58 ppm active ingredients</p>

ACTICIDE[®] MV 4 INFORMATION SHEET



THIS ACTICIDE[®] MV 4-F INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE[®] MV 4

DIRECTIONS FOR USE

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

<p>[*]AQUEOUS COMPOSITIONS As an in-container preservative for the control of bacteria and fungi in the manufacture and storage of aqueous compositions including:</p> <ul style="list-style-type: none"> [*]Surfactants [*]foam-control products [*]dispersants [*]rheology modifiers <p>For nonfood contact use only <i>[*Not approved for this use in the State of California]</i></p>	<p>0.018 % - 0.12%</p> <p>Add 0.18 – 1.23 lb to 1000 lb formulation to provide 7.25 – 48.36 ppm active ingredients</p>
<p>[*]INDUSTRIAL PROCESS WASH WATER ACTICIDE[®] MV 4 microbiocide is recommended for the control of bacteria and fungi in the storage of process wash waters. <i>[*Not approved for this use in the State of California]</i></p>	<p>0.018 – 0.11% 0.18 – 1.1 lb per 1000 lb wash water to provide 7.25 – 44.33 ppm active ingredients</p>

[*]CONCENTRATES AND SUPPLEMENTAL DOSING:

ACTICIDE[®] MV 4 may be added to those products formulated as concentrates, which in turn are diluted for end use. Manufacturers are to ensure that the final use-dilution product will not exceed the maximum concentration of ACTICIDE[®] MV 4 indicated in each label use category.

Label Use Category	Maximum Use Concentration
Electrodeposition coatings and components	0.061%
Photoplatin solutions, coatings and components	0.061%

Products transported and stored in bulk are more prone to microbiological contamination and may display degradation of biocide active ingredient over time. Under such conditions, where analysis indicates significant loss of active ingredient, the product may be dosed with additional ACTICIDE[®] MV 4 up to the approved concentration indicated.