

67071-18

5/9/2013

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



United States
Environmental Protection
Agency

Office of Pesticide Programs

Thor GmbH
Landwehrstrasse 1
D-67346,
Speyer, Germany

MAY - 9 2013

AGENT: Thor Specialties, Inc.
50 Waterview Drive
Shelton, CT 06484

Attention: Lynn P. Tordo, MS.
Regulatory Manager

Subject: ACTICIDE® SR 2060
EPA Registration No. 67071-18
Notifications Dated April 10, 2013

This will acknowledge receipt of your notification, submitted under the provisions of FIFRA Section 3(c)(9).

Proposed Notification

- Notification of label change

General Comments

Based on a review of the submitted material, the following comments apply:

The Notification is in compliance with PR Notice 98-10 and is acceptable. This information has been added to your file.

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

Sincerely,

A handwritten signature in cursive script that reads "M Swindell".

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

2/12 U



United States
Environmental Protection Agency
Washington, DC 20460

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|-------------------------------------|--------------|
| <input type="checkbox"/> | Registration |
| <input type="checkbox"/> | Amendment |
| <input checked="" type="checkbox"/> | Other |

OPP Identifier Number

Application for Pesticide - Section I

| | | |
|--|---|--|
| 1. Company/Product Number 67071-18 | 2. EPA Product Manager Marshall Swindell | 3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name) Thor GmbH / ACTICIDE SR 2060 | PM# 33 | |
| 5. Name and Address of Applicant (Include ZIP Code) Thor GmbH, Landwehrstrasse 1, D-67346, Speyer, Germany U.S. Agent: Thor Specialties, Inc. 50 Waterview Drive Shelton, CT 06484 USA <input type="checkbox"/> Check if this is a new address | 6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. <u>67071-18</u> Product Name <u>ACTICIDE SR 2060</u> | |

Section - II

| | |
|--|--|
| <input type="checkbox"/> Amendment - Explain below. | <input type="checkbox"/> Final printed labels in response to Agency letter dated _____ |
| <input type="checkbox"/> Resubmission in response to Agency letter dated _____ | <input type="checkbox"/> "Me Too" Application. |
| <input checked="" type="checkbox"/> Notification - Explain below. | <input type="checkbox"/> Other - Explain below. |

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of label change as per PR Notice 98-10 / 95-2. This notification is consistent with the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA

Section - III

| | | | | | |
|---|--|---|---|---|---|
| 1. Material This Product Will Be Packaged In: | | | | 2. Type of Container | |
| Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | <input type="checkbox"/> Metal | <input checked="" type="checkbox"/> Plastic |
| | | | | <input type="checkbox"/> Glass | <input type="checkbox"/> Paper |
| * Certification must be submitted | | If "Yes" Unit Packaging wgt. No. per container | If "Yes" Package wgt. No. per container | Other (Specify) _____ | |
| 3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container | | 4. Size(s) Retail Container 5, 55, and 265 gallons | | 5. Location of Label Directions <input checked="" type="checkbox"/> On labeling accompanying product | |
| 6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued Stenciled | | | | <input type="checkbox"/> Other _____ | |

Section - IV

| | | |
|--|--------------------------------|--|
| 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) | | |
| Name Lynn P. Tordo, M.S. | Title Regulatory Manager | Telephone No. (Include Area Code) 203-516-6900 |
| Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. | | 6. Date Application Received (Stamped) |
| 2. Signature | 3. Title Regulatory Manager | |
| 4. Typed Name Lynn P. Tordo, M.S. | 5. Date April 10, 2013 | |



April 10, 2013

Mr. Marshall Swindell, Product Manager 33
Regulatory Management Branch I
Antimicrobial Division, OPP (7510W)
U.S. ENVIRONMENTAL PROTECTION AGENCY
2777 Crystal Dr. (Potomac Yard South)
Arlington, VA 22202

Re: Product: **ACTICIDE® SR 2060, EPA Registration No. 67071-18**
Notification of label change

Company: Thor GmbH

US Agent: Thor Specialties, Inc.
50 Waterview Drive
Shelton, CT 06484

This is a notification and not subject to fees

Dear Mr. Swindell:

This label change notification is submitted by Thor Specialties, Inc., U.S. agent for Thor GmbH. This notification of label change is as required per PR Notice 98-10 / 95-2.

The purpose of this notification is to resolve inconsistencies in two approved labels for the same product, ACTICIDE® SR 2060, EPA Reg. No. 67071-18. Both labels were approved through the conventional amendment process. However, when the amendment for the latest approved label (Nov 15, 2012) was prepared for submittal, some use categories that were on the Dec 6, 2009 approved label were inadvertently omitted.

We are not proposing any additional uses. We are merely combining the two approved labels. The use categories which were approved Dec 6, 2009 are being included in the label that was approved Nov 15, 2012 (see pages 4-6 of the Edited version of the attached Information Sheet).

We are also taking this opportunity to make the following changes on the Container label:
change the address of the US Agent and make changes to the DOT description

The attached material consists of the following:

- 1. Application Form for a Notification to modify the label.
- 2. Copy of the stamped (Dec 6, 2009) approved ACTICIDE® SR 2060 label
- 3. Copy of the stamped (Nov 15, 2012) approved ACTICIDE® SR 2060 label
- 4. Copy of ACTICIDE® SR 2060 label and Information Sheet with changes marked in RED (FOR REFERENCE ONLY)
- 5. Proposed ACTICIDE® SR 2060 label [Label # 180(j)] (2 copies)

We understand that, as these label correction is being submitted as a notification, we will not receive a stamped label.

In an effort to save agency time and resources, we have submitted an extra copy of our final printed label for possible stamping in case the agency will stamp this copy and avoid the need to process a future amendment on this same subject.

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Antimicrobials Division, 7510W, OPP
U.S. ENVIRONMENTAL PROTECTION AGENCY
ACTICIDE® SR 2060
Notification
April 10, 2013
Page 2

If there are any questions regarding this notification, please do not hesitate to call me.

Sincerely,

Lynn P. Tordo, M.S.
Regulatory Manager

Enc.

Cc: Geri Werdig, PRA-DC

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ACTICIDE® SR 2060

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 treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

PROHIBITIONS: This product (pH 3.5) is corrosive to mild steel. Do not store in unlined 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 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.

Precautionary Statements: Hazards to Humans and Domestic Animals

DANGER

CORROSIVE. CAUSES EYE DAMAGE AND SKIN BURNS. MAY CAUSE ALLERGIC SKIN REACTION. MAY BE HARMFUL IF INHALED OR ABSORBED THROUGH THE SKIN. DO NOT GET IN EYES, ON SKIN, ON CLOTHING. WEAR GOGGLES OR FACE SHIELD WHEN HANDLING. HARMFUL IF SWALLOWED. AVOID BREATHING VAPOR OR SPRAY MIST. AVOID CONTAMINATION OF FOOD. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING. 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 microbicide for use in adhesives, tackifiers, paints, coatings, building materials, polymer lattices, printing inks, metal working, metal cleaning fluids, fuels/oil/storage tank bottom water/crude, dispersions/emulsions/solutions/suspensions, aqueous compositions, pulp and paper mills, Industrial Water Systems, and other cleaners including liquid soaps, cleaners, detergents, carpet shampoos for industrial and household uses and in polishes and waxes. **READ AND FOLLOW THE DIRECTIONS FOR USE ON THE ACCOMPANYING INFORMATION SHEET.**

* Not approved for use in the State of California

EPA Reg. No. 67071-18 EPA Est. No 67071-DEU-001
Manufactured By/For: Thor GmbH

U.S. Office: Thor Specialties, Inc.
50 Waterview Drive
Shelton, CT 06484 USA
Tel. (203) 516-6980

UN 3265, CORROSIVE LIQUID, ACIDIC, ORGANIC,
N.O.S. [Mixture containing 5-Chloro-2-methyl-4-isothiazolin-3-one & 2-Methyl-4-isothiazolin-3-one (3:1)], 8,
II

| | |
|---|--------|
| Active Ingredients: | |
| 2-Bromo-2-nitropropane-1, 3-diol..... | 5.20% |
| 5-Chloro-2-methyl-4-isothiazolin-3-one..... | 0.85% |
| 2-Methyl-4-isothiazolin-3-one..... | 0.28% |
| Inert Ingredients: | |
| | 93.67% |
| Total: | 100.0% |

KEEP OUT OF REACH OF CHILDREN

DANGER

See Side panel for additional precautionary statements
FIRST AID

IF SWALLOWED:

- > 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 a poison control center or doctor.
- > Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING:

- > Take off contaminated clothing.
- > Rinse skin immediately with plenty of water for 15-20 minutes.
- > Call a poison control center or doctor for treatment advice.

IF IN EYES:

- > 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 INHALED:

- > 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.
- 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. Measures against circulatory shock, respiratory depression and convulsions may be needed.

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

Mfg Date:

Net Contents (pounds):

Batch:

5/12 (5)

6/12



ACTICIDE[®] SR 2060

INFORMATION SHEET

THIS ACTICIDE[®] SR 2060 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE[®] SR 2060

DIRECTIONS FOR USE

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

PRESERVATIVE FOR ADHESIVES AND TACKIFIERS: ACTICIDE[®] SR 2060 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[®] SR 2060 microbiocide is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins. Add 0.5 to 1.65 lb ACTICIDE[®] SR 2060 microbiocide to each 1000 lb of fluid to provide 5.5 ppm to 18.3 ppm isothiazolones and 26 to 86 ppm bronopol. A higher dosage rate providing up to 33 ppm isothiazolones and 248 ppm bronopol may be required for storage during extremely high temperatures and humidity.

PRESERVATIVE FOR BUILDING MATERIALS: ACTICIDE[®] SR 2060 microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in building materials such as mastics, caulks, joint cements, spackling and grouting. Add 0.5 to 1.65 lb of ACTICIDE[®] SR 2060 microbiocide to each 1000 lb of fluid to provide 5.5 ppm to 18.3 ppm isothiazolones and 26 to 86 ppm bronopol.

PRESERVATIVE FOR LATICES: ACTICIDE[®] SR 2060 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 to 3.3 lb (227 g to 1.5 kg) of ACTICIDE[®] SR 2060 microbiocide to each 1000 lb (454 kg) of emulsion to provide 5.5 ppm to 36.6 ppm active isothiazolones and 26 to 172 ppm bronopol. Note: to insure uniform mixing, add ACTICIDE[®] SR 2060 microbiocide to latex or solutions 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.

DISPERSED PIGMENT: ACTICIDE[®] SR 2060 microbiocide is recommended for the control of bacteria and fungi in the manufacture and storage of dispersions/emulsions/solutions/suspensions such as kaolin clay, montmorillonite clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate and kieselguhr used in paint and paper productions. Add 0.42 to 2.29 lbs of ACTICIDE[®] SR 2060 to each 1000 lb. (0.05% to 0.27% wt/wt) of fluid to provide 6 to 33 ppm active isothiazolones and 26 to 151 ppm active bronopol.

PRESERVATIVE FOR PAINTS AND COATINGS: ACTICIDE[®] SR 2060 microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in water based coatings including paper, wood coatings and paints (including paint wash solutions) used for architectural, product finishes, sealants, and special purpose coatings. Add 0.5 to 1.65 lb (227 to 750 grams) ACTICIDE[®] SR 2060 microbiocide to each 1000 lb (454 kg) of fluid to provide 5.5 ppm to 18.3 ppm isothiazolones and 26 to 86 ppm bronopol. A higher dosage rate providing up to 33 ppm isothiazolones and 248 ppm bronopol may be required for storage during extremely high temperatures and humidity.

Special Purpose Coating Uses: Include use as a <> preservative for *electrodeposition paints or solutions, <> preservative for photoplatin solutions or coatings, <> preservative in fount (or fountain) solutions used in the printing process as a maintenance fluid/coating and as a special coating for printing

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ACTICIDE® SR 2060 INFORMATION SHEET

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OF ACTICIDE® SR 2060**

DIRECTIONS FOR USE

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

plates, and <> *preservative in spin finish coatings for fibers. *Not approved for use in the State of California
The application/addition directions for these special purpose coating uses are:

***Electrodeposition:** ACTICIDE® SR 2060 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® SR 2060 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® SR 2060 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 670 to 2400 ppm ACTICIDE® SR 2060 microbiocide (6.4 to 22.9 gallons per 10,000 gallons of fluid in the system). This will provide 7.4 to 26 ppm of isothiazolones and 35 to 125 ppm bronopol. Repeat until control is achieved. When microbial control is evident, add 334 to 1055 ppm ACTICIDE® SR 2060 (3.2 to 10.1 gallons per 10,000 gallons of fluid in the system) weekly or as needed to maintain the system. This will provide 4 - 12 ppm of isothiazolones and 17-55 ppm bronopol. 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 use in the State of California

***Treatment Of Electrodeposition Paint Components:** Initial Dose of Paint Components: ACTICIDE® SR 2060 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 334 to 2400 ppm product (4 - 26 ppm isothiazolones and 17-125 bronopol). **Supplemental Tanked Dosing of Electrodeposition System:** If additional microbial control is necessary, ACTICIDE® SR 2060 microbiocide may be added to the electrodeposition system tankside to supplement the microbiocide incorporated through paint components. If the system becomes noticeably fouled, add 670 to 2400 ppm ACTICIDE® SR 2060 microbiocide (6.4 to 22.9 gallons per 10,000 gallons of fluid in the system). This will provide 7.4 - 26 ppm of isothiazolones and 35-125 ppm of bronopol. Repeat until control is achieved. When microbial control is evident, the system can be maintained by addition of 334 to 1055 ppm. ACTICIDE® SR 2060 microbiocide (3.2 to 10.1 gallons per 10,000 gallons of fluid in the system) weekly or as needed. This will provide 4 - 12 ppm of isothiazolones and 17-55 ppm of bronopol. **NOTE:** Regardless of the manner of incorporation, the total active ingredient level in the system should never exceed 26 ppm isothiazolones and 125 ppm bronopol (equivalent to 2400 ppm ACTICIDE® SR 2060 or 22.9 gallons per 10,000 gallons of system fluid).

*Not approved for use in the State of California

Photoplate Processing, Fountain Solutions, And Ink/Ink Components: ACTICIDE® SR 2060 microbiocide is recommended for the control of bacteria and fungi in photoplate processing including stabilizer solutions and in fountain solutions. ACTICIDE® SR 2060 microbiocide is recommended for water-based printing inks including flexographic, gravure, screen and ink jet types. ACTICIDE® SR 2060 microbiocide is recommended for the control of bacteria and fungi in printing ink components including resins, plasticizers, water soluble dyes, pigments, gelling agents, waxes, surfactants, and thickeners. ACTICIDE® SR 2060 microbiocide should be added to achieve the recommended dosage range for ink, ink components, fountain

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ACTICIDE® SR 2060 INFORMATION SHEET

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DIRECTIONS FOR USE

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solutions and photoplate processing chemicals of 0.1% to 1.0% on a total weight basis. The optimum level range for acidic fountain solutions is 0.2% to 0.5%; the optimum level range for neutral fountain solutions is 0.5% to 0.8%. A level adjustment may be necessary to accommodate the slight change in solution formulations.

NOTE: To insure uniform mixing, add ACTICIDE® SR 2060 microbicide 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.

AQUEOUS COMPOSITIONS: ACTICIDE® SR 2060 is recommended as an in-container preservative for the control of bacteria and fungi in aqueous products such as aqueous emulsions and dispersions including .

Pesticide formulations, *stabilized oil/water emulsions, *silicon emulsions, *surface preparation compounds, *foam control products, *nutrient solutions **Not approved for these uses in the State of California*

Add 0.5 to 3.3 lb (227 g to 1.5 kg) of ACTICIDE® SR 2060 to each 1000 lb of composition (0.05% to 0.32% wt/wt) to provide 5.5 ppm to 38.6 ppm active isothiazolones and 26 to 181 ppm bronopol.

*** FUELS/OIL/STORAGE TANK BOTTOM WATER/CRUDE:** ACTICIDE® SR 2060 is recommended for the control of bacteria and fungi in the following liquid hydrocarbon fuels and oils: crude oils, aviation fluids, kerosene, heating oils, residual fuel oils, coal slurries, liquefied petroleum gases, petrochemical feedstocks and diesel fuels. ACTICIDE® SR 2060 is recommended for commercial and industrial use only. ACTICIDE® SR 2060 should be directly dispensed into a fuel tank, storage tank, or flowing stream of fuel in a manner to ensure uniform distribution of the preservative in the fuel system. Slug dose or continuous feed methods are recommended. When the system is noticeably fouled, add 2.0 lbs of ACTICIDE® SR 2060 per 1000 gallons of fluid in the system (0.01% wt/wt). This will provide 3.3 ppm of isothiazolones and 16 ppm of bronopol. Repeat until control is achieved. A shock dose of up to 11 lbs of ACTICIDE® SR 2060 per 1000 gallons (14.4 ppm of isothiazolones and 66 ppm of bronopol) of fluid (0.12% wt/wt) is recommended in the case of extreme contamination. Grossly contaminated systems should be physically cleaned to remove debris. When the system is not noticeably fouled, add 1.0 lbs of ACTICIDE® SR 2060 per 1000 gallons of fluid to maintain the system (0.02% wt/wt). This will provide 2.88 ppm of isothiazolones and 13.2 ppm of bronopol. Repeat every 4-6 weeks or when microbial contamination is detected. **FOR USE IN AVIATION FUEL, THE FEDERAL AVIATION ADMINISTRATION (FAA) MUST BE CONSULTED AS TO THE ACCEPTABILITY OF THE ADDITIVE FOR USE IN SPECIFIC ENGINES AND/OR AIRCRAFT.**

* Not approved for use in the State of California

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ACTICIDE® SR 2060 INFORMATION SHEET

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INDUSTRIAL WATER SYSTEMS:

***INDUSTRIAL PROCESS WATERS:** ACTICIDE® SR 2060 microbiocide is recommended for the control of bacteria, algae and fungi in holding ponds, process tanks of industrial water systems. Use of ACTICIDE® SR 2060 in these systems will also help control of microorganisms in the piping systems. Add 0.3 to 3.3 lb of ACTICIDE® SR 2060 per 1000 gallons of water 40 to 400 ppm ACTICIDE® SR 2060) weekly or as needed for maintenance. For noticeably fouled systems use an initial dose of 1.25 to 7.5 lb ACTICIDE® SR 2060 per 1000 gallons of water. Repeat if necessary to achieve control. *Not approved for use in the State of California

***INDUSTRIAL RECIRCULATING WATER COOLING TOWER:** ACTICIDE® SR 2060 microbiocide is recommended for the control of bacteria, algae and fungi. It should be added to the tower basin or some other point to ensure uniform mixing. Add 0.3 to 3.3 lb of ACTICIDE® SR 2060 per 1000 gallons of water 40 to 400 ppm ACTICIDE® SR 2060) weekly or as needed for maintenance. For noticeably fouled systems use an initial dose of 1.25 to 7.5 lb ACTICIDE® SR 2060 per 1000 gallons of water. Repeat if necessary to achieve control. *Not approved for use in the State of California

***AIR WASHER SYSTEMS:** For use only in industrial air washing systems that maintain effective mist eliminating components. Add 0.3 to 7.5 lb ACTICIDE® SR 2060 to 1000 gallons of water (35 to 886 ppm ACTICIDE® SR 2060) in the air washer sump, or chill water sump to ensure uniform mixing, for the control of bacteria, fungi and algae. A repeat treatment may be needed depending on the severity of contamination. *Not approved for use in the State of California

***OIL FIELD INJECTION WATERS:** Add 23 to 58 lb (2.8 to 6.9 gallons) ACTICIDE® SR 2060 per 1000 barrels of water (66 to 165 ppm ACTICIDE® SR 2060) weekly or as needed to maintain control of slime-forming and sulfate reducing bacteria in oil and gas field water systems including enhanced recovery injection fluids and drilling fluids. An initial dose of 57 to 115 lb ACTICIDE® SR 2060 per 1000 barrels of water (162 to 324 ppm ACTICIDE® SR 2060) may be used until control is achieved. This product may be used for terrestrial and off-shore oil drilling muds and packer fluids. *Not approved for use in the State of California

***PAPER MILLS:** Add 0.45 to 7.5 lb of ACTICIDE® SR 2060 per ton (dry basis) of pulp or paper produced as slug dose for the control of bacterial and fungal slime in the production of paper. ACTICIDE® SR 2060 should be added to a point such as the Beater or Hydropulper to ensure uniform mixing. *Not approved for use in the State of California

***INDUSTRIAL RECIRCULATING CLOSED LOOP WATER COOLING SYSTEMS:** Add 0.3 to 3.3 lb of ACTICIDE® SR 2060 per 1000 gallons of water in the system weekly to maintain control of bacteria, fungi and algae in the reservoir, recirculating line or some other point to ensure uniform mixing. For noticeably fouled systems an initial treatment with 1.25 to 7.5 lb ACTICIDE® SR 2060 per 1000 gallons of water may be needed depending on the severity of the fouling. *Not approved for use in the State of California

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ACTICIDE® SR 2060 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.

***BREWERY PASTEURIZERS AND CAN WARMER SYSTEMS:** Add 0.3 to 3.3 lb of ACTICIDE® SR 2060 per 1000 gallons of water in the system weekly or as needed to maintain control of bacteria, algae and fungi. For noticeably fouled systems an initial treatment with 1.25 to 7.5 lb of ACTICIDE® SR 2060 per 1000 gallons of water may be needed depending on the severity of the fouling. *Not approved for use in the State of California

***ULTRA FILTRATION UNITS, including REVERSE OSMOSIS SYSTEMS:** ACTICIDE® SR 2060 microbiocide is recommended for the control of bacteria and fungi in ultra filtration units, including reverse osmosis systems. Add 10 - 600 ppm of ACTICIDE® SR 2060 microbiocide into industrial ultra filtration or reverse osmosis systems by either continuous feed or periodic injection. Compatibility of ACTICIDE® SR 2060 microbiocide with reverse osmosis membranes should be confirmed with membrane manufacturers. For the control of bacteria and fungi in carbon beds, add 10 - 600 ppm of ACTICIDE® SR 2060 microbiocide. For periodic membrane cleaning, add 0.3 - 1.75 lbs of ACTICIDE® SR 2060 microbiocide to every 120 gallons of cleaning solution (6 - 15 ppm active ingredient). Badly fouled systems should be cleaned before treatment is begun. *Not approved for use in the State of California

METAL WORKING AND METAL CLEANING FLUID PRESERVATION

***Metal Working Fluid Preservation:** ACTICIDE® SR 2060 microbiocide is recommended for the control of bacteria and fungi in aqueous metal working fluid solutions and emulsions. Add 32 fluid ounces (2.2 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 64 to 160 fluid ounces (4.5 to 11 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. *Not approved for use in the State of California

***Metal Cleaning Fluid Preservation:** ACTICIDE® SR 2060 microbiocide is recommended as a preservative for use in the manufacture and use of alkaline, acid and emulsion based metal cleaning fluids typically used in electroplating, phosphatizing, galvanizing and general metal cleaning operations. For addition to a metal cleaning concentration, add ACTICIDE® SR 2060 microbiocide at a level to ensure that the final use-dilution fluid will contain 334 to 2400 ppm product (about 4 to 26 ppm active isothiazolones and 17 to 125 ppm bronopol). For direct addition to a fouled system, add 83 to 293 fluid ounces (5.6 to 20 lb) of ACTICIDE® SR 2060 microbiocide to each 1000 gallons of use-dilution metal cleaning fluid every 3 to 4 weeks to provide 668 to 2110 ppm product (about 7.4 to 26 ppm active isothiazolones and 35 to 125ppm bronopol). A higher dosage range and/or increased frequency of treatment may be required depending upon rate of dilution of the preservative with the make-up fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc. The preservative should be dispensed into the use-dilution metal cleaning fluid using a metering pump and uniformly dispersed throughout the system. *Not approved for use in the State of California

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ACTICIDE® SR 2060 INFORMATION SHEET

**THIS ACTICIDE® SR 2060 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT
OF ACTICIDE® SR 2060**

DIRECTIONS FOR USE

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

HOUSEHOLD CONSUMER, INDUSTRIAL, JANITORIAL PRODUCTS ACTICIDE® SR 2060 is added at a level of 0.5 to 1.5 lb. (225 - 680 grams) to each 1000lb. (453.6 kilograms) of product to be protected to provide 6 to 22.5 ppm of active isothiazolinones. 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/refresher products, liquid and solid air fresheners/deodorizers, car care products, and other similar cleaners. Use 0.5 to 1.0 lb. of ACTICIDE® SR 2060 per each 1000lb. (453.6 kilograms) of treated product to provide a level of 6 to 15 ppm of active ingredient (isothiazolinones). ACTICIDE® SR 2060 may also be used for control of bacteria and fungi in package utility products such as pre-moistened sponges and mops. Use 0.5 to 1.5 lb. in each 1000 lb. of water to pre-moistened sponges and mops. ACTICIDE® SR 2060 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, as baby wipes, or for food contact. ACTICIDE® SR 2060 is added at a level of 0.5 to 1.5 lb. (225 - 680 grams) to each 1000lb. (453.6 kilograms) of product to be protected to provide 6 to 22.5 ppm of active isothiazolinones.

ACTICIDE® SR 2060 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 0.5 % to 0.15% ACTICIDE® SR 2060 microbicide.

*** PULP and PAPER MILLS:** *For the control of bacterial and fungal slime in the pulp and Paper mills.

Add 0.45 to 7.5 lb of ACTICIDE® SR 2060 per ton (dry basis) of pulp or paper produced as slug dose for the control of bacterial and fungal slime in the production of paper. ACTICIDE® SR 2060 should be added to a point such as the Beater or Hydropulper to ensure uniform mixing in the stock or white water.

* Not approved for use in the State of California

For Preservation of Papermaking additives and coatings: This product should be added directly to the material to be preserved during the manufacture of the papermaking product. Dosing may be repeated as necessary. The dosage rates are as follows:

Adhesives: Add 0.5 to 1.65 lb ACTICIDE® SR 2060 microbicide to each 1000 lb of fluid to provide 5.5 ppm to 18.3 ppm isothiazolones and 26 to 86 ppm bronopol. A higher dosage rate providing up to 33 ppm isothiazolones and 248 ppm bronopol may be required for storage during extremely high temperatures and humidity

Coatings: Add 0.5 to 1.65 lb (227 to 750 grams) ACTICIDE® SR 2060 microbicide to each 1000 lb (454 kg) of fluid to provide 5.5 ppm to 18.3 ppm isothiazolones and 26 to 86 ppm bronopol. A higher dosage rate providing up to 33 ppm isothiazolones and 248 ppm bronopol may be required for storage during extremely high temperatures and humidity

Polymers/latices: Add 0.5 to 3.3 lb (227 g to 1.5.kg) of ACTICIDE® SR 2060 microbicide to each 1000 lb (454 kg) of emulsion to provide 5.5 ppm to 36.6 ppm active isothiazolones and 26 to 172 ppm bronopol.

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ACTICIDE[®] SR 2060 INFORMATION SHEET

**THIS ACTICIDE[®] SR 2060 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT
OF ACTICIDE[®] SR 2060**

DIRECTIONS FOR USE

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

Note: to insure uniform mixing, add ACTICIDE[®] SR 2060 microbiocide to latex or solutions slowly with agitation

*Dispersed pigments: Add 0.42 to 2.29 lbs of ACTICIDE[®] SR 2060 to each 1000 lb. (0.05% to 0.27% wt/wt) of fluid to provide 6 to 33 ppm active isothiazolones and 26 to 151 ppm active bronopol.

***Not approved for use in the State of California**

*Emulsions: Add 0.5 to 3.3 lb (227 g to 1.5.kg) of ACTICIDE[®] SR 2060 to each 1000 lb of composition (0.05% to 0.32% wt/wt) to provide 5.5 ppm to 38.6 ppm active isothiazolones and 26 to 181 ppm bronopol.

***Not approved for use in the State of California**

*Foam control products: Add 0.5 to 3.3 lb (227 g to 1.5.kg) of ACTICIDE[®] SR 2060 to each 1000 lb of composition (0.05% to 0.32% wt/wt) to provide 5.5 ppm to 38.6 ppm active isothiazolones and 26 to 181 ppm bronopol. ***Not approved for use in the State of California**

GENERAL ADVISORY STATEMENT ACTICIDE[®] SR 2060 SHOULD 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 4-36.6 PPM ACTIVE ISOTHIAZOLONES AND 26-172 PPM BRONOPOL, AS DESCRIBED ABOVE, EXCEPT FOR PAINTS AND COATINGS WHICH SHOULD BE AT 4 - 33 PPM ISOTHIAZOLONES AND 26 - 248 PPM BRONOPOL, AS DESCRIBED ABOVE.

ACTICIDE[®] SR 2060 microbiocide weighs 8.7 lb. per gallon.