

67071-18

05/22/2001

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## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAY 22 2001

Thor GmbH  
D-67346 Speyer,  
Germany

Attention: Gerie Werdig, Manager  
Regulatory Affairs

Subject: Acticide SR 2060  
EPA Registration No. 67071-18  
Amendment Dated March 30, 2001

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, amended, to add clarification language to the label under "Special Purpose Coatings", is acceptable, provided that you make the following labeling changes listed below.

1. As per PR Notice 2001-1, the heading "Statement of Practical Treatment" must be changed to "First Aid" and the statements must be revised as follows:

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. Call a poison control center or doctor for treatment advice.

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 by a poison control center or doctor.

IF ON SKIN:

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

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

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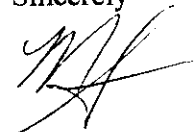
IF INHALED:

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.

2. Submit two (2) copies of the final printed labeling for our review. A stamped copy of the labeling is enclosed for your records.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely



Marshall Swindell  
Product Manager 33  
Regulatory Management Branch 1  
Antimicrobial Division (7510C)

Enclosure

**THOR****ACTICIDE® SR 2060**

Industrial microbiocide for use in adhesives, tackifiers, paints, coatings,  
building materials, polymer latices and printing inks.

**ACTIVE INGREDIENTS:**

2-Bromo-2-nitropropane-1, 3-diol .....5.2%  
5-Chloro-2-methyl-4-isothiazolin-3-one .....0.8%  
2-Methyl-4-isothiazolin-3-one .....0.3%

**ACCEPTED**  
with **COMMENTS**  
in EPA Letter Dated:

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**INERT INGREDIENTS:** .....93.7%

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

**TOTAL:** .....100.0%

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**KEEP OUT OF REACH OF CHILDREN****DANGER****STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician, or get medical attention. Do not induce vomit-  
ing. Rinse mouth and throat with water. Drink large quantities of water. Take medi-  
cal carbon. Avoid alcohol.

**IF ON SKIN:** Wash thoroughly with soap and water. Get medical attention.

**IF IN EYES:** Hold eyelids open and flush with a steady gentle stream of water for  
15 minutes. Get medical attention.

**IF INHALED:** Remove immediately to fresh air. If not breathing, apply artificial res-  
piration. If breathing is difficult, give oxygen. Call physician.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of  
gastic lavage.

**Manufactured By:**

Thor Chemie GmbH  
D-67346 Speyer, Germany  
Tel. (06232) 6360

**U.S. Office:**

Acti-Chem Specialties, Inc.  
56 Quarry Road  
Trumbull, CT 06611 U.S.A.  
Tel. (203) 365-6530

EPA Reg. No. 67071-18

EPA Est. No. 67071-DEU-1

NOT FOR SALE OR USE AFTER 12 MONTHS FROM DATE OF MANUFACTURING.

Net Contents: \_\_\_\_\_ Pounds

Date of Manufacture: \_\_\_\_\_

Lot # \_\_\_\_\_

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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.

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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incinerator or, if allowed by state and local authorities, by burning. If burned, stay out of the smoke.

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

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

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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 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.

CONDITIONS OF SALE AND WARRANTY

Thor Chemie 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 CHEMIE 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 Chemie 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 CHEMIE GMBH OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

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Fungicide, and Rodenticide Act  
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**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 such as paper, wood coatings and paints used for architectural, product finishes 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 photoplating 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 plates, and <> preservative in spin finish coatings for fibers. 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.

**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).

#### **PHOTOPLATE PROCESSING, FOUNTAIN SOLUTIONS, AND INK/INK COMPONENTS:**

Acticide SR 2060 microbiocide is recommended for the control of bacteria and fungi in photoplate processing such as stabilizer solutions and in fountain solutions. Acticide SR 2060 microbiocide is recommended for water-based printing inks such as flexographic, gravure, screen and ink jet types. Acticide SR 2060 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 SR 2060 microbiocide should be added to achieve the recommended dosage range for ink, ink components, fountain 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 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.

#### **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.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

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

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