

67071-16

06/15/2007

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

JUN 15 2007



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

Thor GmbH  
Landwehrstrasse 1  
D-67346,  
Speyer, Germany

**AGENT: Acti-Chem Specialties, Inc.**  
**56 Quarry Road**  
**Trumbull, CT 06611**

Attention: Lynn P. Toro

Subject: ACTICIDE LA  
EPA Registration No. 67071-16  
Amendment Dated May 10, 2007

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

- Limited Clarification of Existing Uses

A stamped copy of the "accepted" product labeling is enclosed for your records.

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

Sincerely

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

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

Enclosure



# ACTICIDE® LA

### 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.

### PHYSICAL AND CHEMICAL HAZARD

This product (pH 3.12) is corrosive to mild steel.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. PESTICIDE STORAGE: Keep container tightly closed. Protect from freezing. Store in a dry place. Do not store at elevated temperatures.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous and/or toxic. 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 burn, if allowed by state and local authorities. If burned, stay out of the smoke.

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.

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

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

### ACTIVE INGREDIENTS:

2-Bromo-2-nitropropane-1, 3-diol.....	8.80%
5-Chloro-2-methyl-4-isothiazolin-3-one.....	0.85%
2-Methyl-4-isothiazolin-3-one.....	0.28%
INERT INGREDIENTS:.....	90.07%
TOTAL:.....	100.00%

## KEEP OUT OF REACH OF CHILDREN DANGER

See Side panel for additional precautionary statements

- 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 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 the 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.
- 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.

HOT LINE NUMBER: For additional information in case of emergency 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.

Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage.

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

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE OR SKIN BURNS. Fatal if swallowed or absorbed through skin or inhaled. Do not get in eyes, on skin, or on clothing. Do not breath spray mist. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Remove contaminated clothing and wash before reuse.

Personal Protective Equipment (PPE):

Applicants and all other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Socks and chemical resistant footwear
- Chemical-resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride, or viton)
- Goggles or face shield and
- Chemical-resistant apron

**User Safety Recommendations:** Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly.

### 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 adhesives, tackifiers, paints, coatings, building materials, polymer latices, printing inks, and aqueous compositions. **READ AND FOLLOW THE DIRECTIONS FOR USE ON THE ACCOMPANYING INFORMATION SHEET.**

\* Not approved for use in tackifiers, printing inks, and aqueous compositions in the State of California

EPA Reg. No. 67071-16 EPA Est. No. 67071-DEU-001  
Manufactured By: Thor GmbH

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

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

Batch:	Mfg Date:	Net Contents (pounds):
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ACCEPTED  
with COMMENTS  
EPA Letter Dated:

JUN 15 2007

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

67071-16

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# ACTICIDE® LA INFORMATION SHEET

**THIS ACTICIDE® LA INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT  
OF ACTICIDE® LA**

## 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® LA 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® LA microbiocide is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins.

Add 0.5 to 1.65 lb ACTICIDE® LA microbiocide to each 1000 lb of fluid to provide 5.8 ppm to 19.3 ppm isothiazolones and 44 to 145.2 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.

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

**PRESERVATIVE FOR BUILDING MATERIALS:** ACTICIDE® LA 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® LA microbiocide to each 1000 lb of fluid to provide 5.5 ppm to 19.3 ppm isothiazolones and 44 to 145.2 ppm bronopol.

**PRESERVATIVE FOR LATICES:** ACTICIDE® LA 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® LA microbiocide to each 1000 lb (454 kg) of emulsion to provide 5.5 ppm to 38.6 ppm active isothiazolones and 44 to 290 ppm bronopol.

**PRESERVATIVE FOR PAINTS AND COATINGS:** ACTICIDE® LA 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 \*(including paint wash solutions) used for architectural, product finishes and special purpose coatings.

Add 0.5 to 1.65 lb (227 to 750 grams) ACTICIDE® LA microbiocide to each 1000 lb (454 kg) of fluid to provide 5.8 ppm to 19.3 ppm isothiazolones and 44 to 145.2 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.

**Paints and Coatings Concentrates:** Add 0.5 to 60.0 lb ACTICIDE® LA microbiocide to each 1000 lb of fluid to provide 5.5 ppm to 660 ppm isothiazolones and 44 ppm to 5280 ppm bronopol to concentrates of special purpose coating (such as ink/ink component concentrates). Note: Ensure that the final use-dilution product not contain more than 33 ppm isothiazolones and 248 ppm bronopol.

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67071-14

EPA Reg. No. 67071-16

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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, <> 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. \* Not approved for this use in the State of California. The application/addition directions for these special purpose coating uses are:

**\*Electrodeposition:** ACTICIDE® LA 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® LA 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® LA 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® LA microbiocide (6.4 to 22.9 gallons per 10,000 gallons of fluid in the system). Repeat until control is achieved. When microbial control is evident, add 334 to 1055 ppm ACTICIDE® LA (3.2 to 10.1 gallons per 10,000 gallons of fluid in the system) weekly or as needed to maintain the system. A change of frequency of treatment may be required depending on the rate of dilution of the preservative with the makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc. \* Not approved for this use in the State of California

**\*Treatment Of Electrodeposition Paint Components:** Initial Dose of Paint Components: ACTICIDE® LA 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. \* Not approved for this use in the State of California

**\*Supplemental Tanked Dosing of Electrodeposition System:** If additional microbial control is necessary, ACTICIDE® LA 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® LA microbiocide (6.4 to 22.9 gallons per 10,000 gallons of fluid in the system). Repeat until control is achieved. When microbial control is evident, the system can be maintained by addition of 334 to 1055 ppm ACTICIDE® LA microbiocide (3.2 to 10.1 gallons per 10,000 gallons of fluid in the system) weekly or as needed. \* Not approved for this use in the State of California

**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.

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**\*Photoplate Processing, Fountain Solutions, And Ink/Ink Components:** ACTICIDE® LA microbiocide is recommended for the control of bacteria and fungi in photoplate processing such as stabilizer solutions and in fountain solutions. ACTICIDE® LA microbiocide is recommended for water-based printing inks such as flexographic, gravure, screen and ink jet types. ACTICIDE® LA 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® LA 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. A level adjustment may be necessary to accommodate the slight change in solution formulations. \* Not approved for this use in the State of California

**\*PRESERVATIVE FOR AQUEOUS COMPOSITIONS:** ACTICIDE® LA microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in aqueous products such as aqueous emulsions and dispersions including stabilized oil/water emulsions, surface preparation compounds, foam control products, nutrient solutions, fiberglass sizing solutions and pesticide formulations. Also recommended for use as an in-container preservative for use in liquid and solid soaps, liquid and solid cleaners, liquid and solid detergents, liquid and solid laundry product, carpet and rug shampoos, polishes and waxes for industrial, commercial, residential and household uses. 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 as baby wipes, or for food contact. May also be used for the control of bacterial and fungi in package utility products including pre-moistened sponges and mops in uses cited above. Add 0.5 to 3.3 lb (227 g to 1.5 kg) of ACTICIDE® LA microbiocide to each 1000 lb (454 kg) of composition to provide 5.5 ppm to 38.6 ppm active isothiazolones and 44 to 290.4 ppm bronopol. \* Not approved for this use in the State of California

**NOTE:** To insure uniform mixing, add ACTICIDE® LA 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.

ACTICIDE® LA microbiocide weighs 8.8 lb. per gallon.

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