

# THOR ACTICIDE® LA

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

**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%
<b>TOTAL:</b> .....	<b>100.0%</b>

KEEP OUT OF REACH OF CHILDREN

## DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

### FIRST AID

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 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.
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.

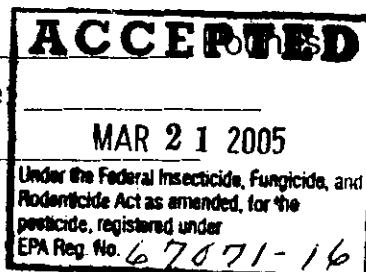
**HOT LINE NUMBER:** For additional information in case of emergency call toll free 1-800-424-9300. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

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

EPA Reg. No. 67071-16  
Manufactured By:  
Thor GmbH  
D-67346 Speyer, Germany  
Tel. (06232) 6360

EPA Est. No. 67071-DEU-1  
U.S. Office:  
Acti-Chem Specialties, Inc.  
56 Quarry Road  
Trumbull, CT 06611 USA  
Tel. (203) 365-6530

Net Contents: \_\_\_\_\_  
Date of Manufacture: \_\_\_\_\_  
Lot #: \_\_\_\_\_



## 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.

**PHYSICAL AND CHEMICAL HAZARD:** This product (pH 3.12) is corrosive to mild steel.

**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:** 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

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03/21/2005

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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.  
Do not apply this product in a way that contacts workers or other persons.

**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.

**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 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.

Special purpose coating include uses such as <> preservative for electrodeposition paints or solutions, <> preservative for photoplate processing and ink/ink components <> 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.

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.

**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.

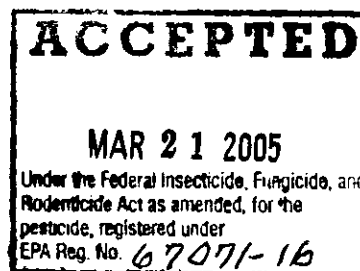
**PRESERVATIVE FOR AQUEOUS COMPOSITIONS:** Acticide LA microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in aqueous products such as aqueous emulsions and dispersions including stabilized oil/water emulsions, surface preparation compounds, foam control products, nutrient solutions 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 products, 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 bacteria 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.

**NOTE:** To insure uniform mixing, add Acticide LA 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.

Acticide LA microbiocide weighs 8.8 lb. per gallon.

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Label # 160(c2) 02/11/05



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