



THOR
ACTICIDE® GA
Microbiocide Liquid

An Industrial Microbiocide for use in Aqueous Polymer Emulsions/Solutions, Aqueous Paints and Coatings, Adhesives, Pesticide Products, Inks/Ink Components, Aqueous Liquid and Semi-Solid Building Materials, Dispersed Pigments/Mineral Slurries, Liquid Household Consumer, Industrial and Janitorial Products Starch, and Industrial Wash Waters

COMMERCIAL

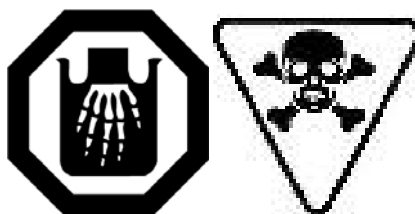
GUARANTEE

2-Bromo-2-nitropropane-1,3-diol (bronopol)... 5.2%
5-Chloro-2-methyl-4-isothiazolin-3-one 0.84%
2-Methyl-4-isothiazolin-3-one 0.33%

**KEEP OUT OF REACH OF CHILDREN READ
THE LABEL BEFORE USING**

**REGISTRATION NO. 28004
PEST CONTROL PRODUCTS ACT**

DANGER CAUTION



**CORROSIVE POISON CORROSIVE
TO EYES AND SKIN POTENTIAL SKIN
SENSITIZER**

NET CONTENTS: xx kg BATCH
NO.: MANUFACTURING DATE:

ACTICIDE® GA MICROBIOCIDE LIQUID weighs 1.52 kg per litre

CONTACT:
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50 Waterview Drive
Shelton, CT USA 06484
(203) 516-6980

REGISTRANT:
Thor GmbH
Landwehrstrasse 1
D-67346, Speyer
GERMANY

Maclsaac & Associates
440 Gloucester Street, Suite 2111
Ottawa, ON K1R 7T8
(613) 236-2250

PRECAUTIONS

DANGER -- CORROSIVE TO EYES and CAUSES SKIN BURNS.

MAY CAUSE ALLERGIC SKIN REACTION.

HARMFUL IF SWALLOWED OR INHALED.

KEEP OUT OF REACH OF CHILDREN.

DO NOT get in eyes, on skin or on clothing. Do not swallow. Avoid breathing vapours and spray mists. Avoid contamination of food.

POTENTIAL SKIN SENSITIZER

- Wear chemical resistant coveralls over a long sleeved shirt and long pants, chemical-resistant gloves, socks, chemical resistant footwear and a full face NIOSH-approved respirator during mixing/loading, application, clean up and repair.
- Formaldehyde can be released during use of this product. It is recommended that this product not be used in circumstances that would result in formaldehyde air concentrations in the workplace exceeding the exposure levels established by occupational health and safety authorities in your jurisdiction. If values exceed this level, it is recommended that NIOSH approved respiratory protection be worn.
- Users should wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
- Users should remove clothing/protective equipment immediately if pesticide comes in contact with skin through soaked clothing or spills. Then wash skin thoroughly and put on clean clothing and required protective equipment prior to resuming your previous work activity. Wash contaminated clothing separately from other laundry before reuse.
- Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

ENVIRONMENTAL HAZARD

This product is toxic to fish and other aquatic organisms. It is not to be used in circumstances that would cause or allow it to enter lakes, streams, ponds, estuaries, oceans or other waters in contravention of federal or provincial regulatory requirements. The requirements of applicable laws should be determined before using the product. Treated effluent should not be discharged where it will drain into lakes, streams, ponds or public water. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this product only as specified on this label.

STORAGE

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. If plastic, do not reuse empty containers. This product is corrosive to mild steel. Do not store or transport in unlined metal containers.

DISPOSAL

1. Triple or pressure-rinse the empty container. Add the rinsings to the treatment site.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial agency. Contact the manufacturer and the provincial regulatory agency in case of a spill and for clean-up of spills.

FIRST AID

If swallowed: Call a poison control centre 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 centre 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 centre 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, preferable by mouth-to-mouth, if possible. Call a poison control centre or doctor for further 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 centre or doctor for treatment advice.

Take the container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be required.

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on this label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

DIRECTIONS FOR USE

ACTICIDE[®] GA is a liquid in-can preservative that is recommended for the control of bacteria, mold and yeast. It may be added to the following types of products at any point in the production process where uniform mixing is possible. For best results add as early as possible in the manufacturing process. In order to determine the most effective use levels within the label rates of ACTICIDE[®] GA, laboratory trials are suggested.

AQUEOUS POLYMER DISPERSIONS / EMULSIONS / SOLUTIONS / RESINS As an in-container preservative	0.05 – 0.25% 0.50 – 2.5 KG ACTICIDE [®] GA / PER 1000 KG PRODUCT to be preserved 6 to 29 ppm isothiazolones (CIT/ MIT) 26 to 130 ppm bronopol
AQUEOUS PAINTS AND COATINGS As an in-container preservative	0.07 – 0.25% 0.7 – 2.5 KG ACTICIDE [®] GA / PER 1000 KG PRODUCT to be preserved 8 to 29 ppm isothiazolones (CIT/ MIT) 36 to 130 ppm bronopol
ADHESIVES As an in-container preservative	0.07 – 0.25% 0.7 – 2.5 KG ACTICIDE [®] GA / PER 1000 KG PRODUCT to be preserved 8 to 29 ppm isothiazolones (CIT/ MIT) 36 to 130 ppm bronopol
PESTICIDE PRODUCTS As an in-container preservative	0.05 – 0.25% 0.5 – 2.5 KG ACTICIDE [®] GA / PER 1000 KG PRODUCT to be preserved 6 to 29 ppm isothiazolones (CIT/ MIT) 26 to 130 ppm bronopol
INKS / INK COMPONENTS As an in-container preservative	0.10 – 0.25% 1.0 – 2.5 KG ACTICIDE [®] GA / PER 1000 KG PRODUCT to be preserved 12 to 29 ppm isothiazolones (CIT/ MIT) 52 to 130 ppm bronopol
AQUEOUS LIQUID AND SEMI-SOLID BUILDING MATERIALS ACTICIDE [®] GA microbiocide is recommended as an in-container preservative in caulking, stucco, grout and putty.	0.05 – 0.25% 0.50 – 2.5 KG ACTICIDE [®] GA / PER 1000 KG PRODUCT to be preserved 6 to 29 ppm isothiazolones (CIT/ MIT) 26 to 130 ppm bronopol

<p>AQUEOUS DISPERSED PIGMENTS / MINERAL SLURRIES As an in-container preservative</p>	<p>0.05 – 0.25% 0.50 – 2.5 KG ACTICIDE® GA / PER 1000 KG PRODUCT to be preserved 6 to 29 ppm isothiazolones (CIT/ MIT) 26 to 130 ppm bronopol</p>
<p>LIQUID HOUSEHOLD CONSUMER, INDUSTRIAL AND JANITORIAL PRODUCTS ACTICIDE® GA microbiocide may be added as an in-container preservative to liquid detergents and cleaners formulated as concentrates which are in turn diluted for use at a level to ensure that the final use-dilution product will contain between 0.05 - 0.20% ACTICIDE® GA.</p>	<p>0.05 – 0.20% 0.5 – 2.0 KG ACTICIDE® GA / PER 1000 KG PRODUCT to be preserved 6 to 23 ppm isothiazolones (CIT/ MIT) 26 to 104 ppm bronopol</p>
<p>STARCH For the control of bacteria and fungi in the manufacture and storage of starch intended for industrial use.</p>	<p>0.02 – 0.07% 0.2 – 0.7 KG ACTICIDE® GA / PER 1000 KG PRODUCT to be preserved 2 to 8 ppm isothiazolones (CIT/ MIT) 10 to 36 ppm bronopol</p>
<p>INDUSTRIAL WASH WATER ACTICIDE® GA microbiocide liquid is recommended for use to protect against bacterial and yeast establishment in wash water during storage</p>	<p>0.02 – 0.14% 0.2 – 1.4 KG ACTICIDE® GA / PER 1000 KG PRODUCT to be preserved 2 to 16 ppm isothiazolones (CIT/ MIT) 10 to 73 ppm bronopol</p>