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 agency 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 ¾ 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 ¾ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring that 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 inedibility 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.

ACTicide® GA-W

Active Ingredients:
- 2-Bromo-2-nitropropane-1, 3-diol: 5.20%
- 5-Chloro-2-methyl-4-isothiazolin-3-one: 0.65%
- 5-Methyl-4-isothiazolin-3-one: 0.25%
Inert Ingredients: 85.67%
Total: 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

See Sico 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.
- Removal contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center 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 center or doctor for further 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 mucous 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

Precautionary Statements:
Hazard 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, OR 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 microbiocide for use in: * recirculating water cooling towers, * air washer systems, * oil field injection waters, * paper mill control, * recirculating closed loop water cooling systems, * brewery pasteurizer and * can washer systems, * ultra filtration units, such as reverse osmosis systems, * fuel oil storage tank bottom water/crude pulp and paper mills which are classified as indoor non-food and non-food applications. 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.
56 Quarry Road, Trumbull, CT
06611 USA
Tel: (203) 365-6530

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]
ACTICIDE® GA-W
INFORMATION SHEET

THIS ACTICIDE® GA-W INFORMATION SHEET MUST ACCOMPANY EACH
SHIPMENT OF ACTICIDE® GA-W

DIRECTIONS FOR USE

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

*INDUSTRIAL RECIRCULATING WATER COOLING TOWER: ACTICIDE® GA-W microbicide 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® GA-W per 1000 gallons of water 40 to 400 ppm ACTICIDE® GA-W) weekly or as needed for maintenance. For noticeably fouled systems use an initial dose of 1.25 to 7.5 lb ACTICIDE® GA-W 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® GA-W to 1000 gallons of water (35 to 886 ppm ACTICIDE® GA-W) 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® GA-W per 1000 barrels of water (66 to 165 ppm ACTICIDE® GA-W) 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® GA-W per 1000 barrels of water (162 to 324 ppm ACTICIDE® GA-W) may be used until control is achieved. This product may be used for terrestrial and offshore 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® GA-W 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® GA-W 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® GA-W 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® GA-W per 1000 gallons of water may be needed depending on the severity of the fouling.

* Not approved for use in the State of California

*BREWERY PASTEURIZERS AND CAN WARMER SYSTEMS: Add 0.3 to 3.3 lb of ACTICIDE® GA-W 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® GA-W per 1000 gallons of water may be needed depending on the severity of the fouling.

* Not approved for use in the State of California
ACTICIDE® GA-W
INFORMATION SHEET

THIS ACTICIDE® GA-W INFORMATION SHEET MUST ACCOMPANY EACH
SHIPMENT OF ACTICIDE® GA-W

DIRECTIONS FOR USE

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

*ULTRA FILTRATION UNITS, such as REVERSE OSMOSIS SYSTEMS: ACTICIDE® GA-W microbicidc
is recommended for the control of bacteria and fungi in ultra filtration units, such as reverse osmosis
systems. Add 10 - 600 ppm of ACTICIDE® GA-W microbicidc into industrial ultra filtration or reverse
osmosis systems by either continuous feed or periodic injection. Compatibility of ACTICIDE® GA-W
microbicidc 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® GA-W microbicidc. For
periodic membrane cleaning, add 0.3 - 1.75 lbs of ACTICIDE® GA-W microbicidc 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

* FUELS/OIL/STORAGE TANK BOTTOM WATER/CRUDE: ACTICIDE® GA-W 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® GA-W is recommended for commercial and industrial use only.
ACTICIDE® GA-W 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® GA-W per
1000 gallons of fluid in the system (0.01% w/w). This will provide 3.3 ppm of isothiazolones and 16 ppm
of bronopol. Repeat until control is achieved. A shock dose of up to 1 lb of ACTICIDE® GA-W per 1000
gallons (14.4 ppm of isothiazolones and 66 ppm of bronopol) of fluid (0.12% w/w) 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® GA-W per 1000 gallons of
fluid to maintain the system (0.02% w/w). This will provide 2.88 ppm of isothiazolones and 13.2 ppm of
bronopol. Repeat every 4-6 weeks when or 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
ACTICIDE® GA-W INFORMATION SHEET

THIS ACTICIDE® GA-W INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE® GA-W

DIRECTIONS FOR USE

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

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® GA-W 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® GA-W 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 this 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® GA-W 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.
Coatings: Add 0.5 to 1.65 lb (227 to 750 grams) ACTICIDE® GA-W 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.
Polymers/latexes: Add 0.5 to 3.3 lb (227 g to 1.5 kg) of ACTICIDE® GA-W 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® GA-W microbiocide to latex or solutions slowly with agitation.
*Dispersed pigments: Add 0.42 to 2.29 lbs of ACTICIDE® GA-W 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 this use in the State of California

*Emulsions: Add 0.5 to 3.3 lb (227 g to 1.5 kg) of ACTICIDE® GA-W 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 this use in the State of California

*Foam control products: Add 0.5 to 3.3 lb (227 g to 1.5 kg) of ACTICIDE® GA-W 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 this use in the State of California

ACTICIDE® GA-W microbiocide weighs 8.7 lb. per gallon.