ACTICIDE® LA 1206

Active Ingredients:
- 2-Bromo-2-nitropropane-1, 3-diol ........................................... 5.20%
- 5-Chloro-2-methyl-4-isothiazolin-3-one .................................. 0.28%
- Inert Ingredients ........................................................................ 93.72%
Total: ................................................................................................. 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER
See Side 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.
* Call a poison control center or doctor for 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 first 5 minutes, then continue rinsing eyes.
* Call a poison control center 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, 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 mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsions may be needed.

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, 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 adhesives, lacquers, paints, coatings, building materials, polymer latices, printing inks, "metal working" metal cleaning fluids, "rust/inhibitor" storage tank bottom waterclude, "dispersions/emulsions/solubilis/suspensions, *aerobic compositions," *Industrial Water Systems, and *other cleaners including "liquid soaps, "cleaners, "detergent, "carpet shampoo for industrial and household uses and in *polishes and waxes*. 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: Thor GmbH
D-87346 Speyer, Germany
Tel. (06203) 6360

U.S. Office: Thor Specialties, Inc.
56 Quarry Road, Trombridge, CT 06011 USA
Tel. (203) 385-6530

Batch: Mfg Date: Net Contents (pounds):
ACTICIDE® LA 1206
INFORMATION SHEET

THIS ACTICIDE® LA 1206 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE® LA 1206

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 1206 microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in water solubile and water dispersed adhesives such as animal glues, vegetable glues, natural rubber latices, polyvinyl acetate, styrene-butadiene and acrylic latices. ACTICIDE® LA 1206 microbiocide is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins. Add 0.5 to 1.65 lb ACTICIDE® LA 1206 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. *Not approved for use in the State of California*

**PRESERVATIVE FOR BUILDING MATERIALS:** ACTICIDE® LA 1206 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 1206 microbiocide to each 1000 lb of fluid to provide 5.5 ppm to 18.3 ppm isothiazolones and 26 to 86 ppm bronopol. *Not approved for use in the State of California*

**PRESERVATIVE FOR LATICES:** ACTICIDE® LA 1206 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 1206 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® LA 1206 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. *Not approved for use in the State of California*

**PRESERVATIVE FOR PAINTS AND COATINGS:** ACTICIDE® LA 1206 microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in water based coatings including paper, wood coatings and paints (including paint wash solutions) used for architectural, product finishes, sealants, and special purpose coatings. Add 0.5 to 1.65 lb (227 to 750 grams) ACTICIDE® LA 1206 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. *Not approved for use in the State of California*
ACTICIDE® LA 1206 
INFORMATION SHEET

THIS ACTICIDE® LA 1206 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE® LA 1206

DIRECTIONS FOR USE

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

*Special Purpose Coating Uses: Include use as a: <> preservative for electrodeposition paints or solutions, <> preservative for photoplatting 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:

*Not approved for use in the State of California

*Electrodeposition: ACTICIDE® LA 1206 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 1206 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 1206 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 1206 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® LA 1206 (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. *Not approved for use in the State of California

*Treatment Of Electrodeposition Paint Components: Initial Dose of Paint Components: ACTICIDE® LA 1206 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® LA 1206 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 1206 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® LA 1206 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® LA 1206 or 22.9 gallons per 10,000 gallons of system fluid). *Not approved for use in the State of California
ACTICIDE® LA 1206
INFORMATION SHEET

THIS ACTICIDE® LA 1206 INFORMATION SHEET MUST ACCOMPANY EACH
SHIPMENT OF ACTICIDE® LA 1206

DIRECTIONS FOR USE

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

*Photoplate Processing, Fountain Solutions, And Ink/Ink Components: ACTICIDE® LA 1206
microbiocide is recommended for the control of bacteria and fungi in photoplate processing including
stabilizer solutions and in fountain solutions. ACTICIDE® LA 1206 microbiocide is recommended for water-
based printing inks including flexographic, gravure, screen and ink jet types. ACTICIDE® LA 1206
microbiocide is recommended for the control of bacteria and fungi in printing ink components including
resins, plasticizers, water soluble dyes, pigments, gelling agents, waxes, surfactants, and thickeners.
ACTICIDE® LA 1206 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® LA 1206 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. *Not
approved for use in the State of California

*METAL CLEANING FLUID PRESERVATION

*Metal Cleaning Fluid Preservation: ACTICIDE® LA 1206 microbiocide is recommended as a preservative
for use in the manufacture and use of alkaline, acid and emulsion based metal cleaning fluids typically used
in electroplating, phosphatizing, galvanizing and general metal cleaning operations. For addition to a metal
cleaning concentration, add ACTICIDE® LA 1206 microbiocide at a level to ensure that the final use-dilution
fluid will contain 334 to 2400 ppm product (about 4 to 25 ppm active isothiazolones and 17 to 125 ppm
bronopol). For direct addition to a fouled system, add 83 to 293 fluid ounces (6.5 to 20 lb) of ACTICIDE® LA
1206 microbiode to each 1000 gallons of use-dilution metal cleaning fluid every 3 to 4 weeks to provide 668
to 2110 ppm product (about 7.4 to 26 ppm active isothiazolones and 35 to 125ppm bronopol). A higher
dosage range and/or increased frequency of treatment may be required depending upon rate of dilution of
the preservative with the make-up fluid, the nature and severity of contamination, level of control required,
filtration effectiveness, system design, etc. The preservative should be dispensed into the use-dilution metal
cleaning fluid using a metering pump and uniformly dispersed throughout the system.

*Not approved for this use in the State of California
ACTICIDE® LA 1206
INFORMATION SHEET

THIS ACTICIDE® LA 1206 INFORMATION SHEET MUST ACCOMPANY EACH
SHIPMENT OF ACTICIDE® LA 1206

DIRECTIONS FOR USE

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

* FUELS/OIL/STORAGE TANK BOTTOM WATER/CRUDE: ACTICIDE® LA 1206 is recommended for the control of bacteria 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® LA 1206 is recommended for commercial and industrial use only. ACTICIDE® LA 1206 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® LA 1206 per 1000 gallons of fluid in the system (0.01% wt/wt). This will provide 3.3 ppm of isothiazolones and 16 ppm of bronopol. Repeat until control is achieved. A shock dose of up to 11 lbs of ACTICIDE® LA 1206 per 1000 gallons (14.4 ppm of isothiazolones and 68 ppm of bronopol) of fluid (0.12% wt/wt) 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® LA 1206 per 1000 gallons of fluid to maintain the system (0.02% wt/wt). This will provide 2.88 ppm of isothiazolones and 13.2 ppm of bronopol. Repeat every 4-6 weeks or when 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

* DISPERSED PIGMENT: ACTICIDE® LA 1206 microbicide is recommended for the control of bacteria and fungi in the manufacture and storage of dispersions/emulsions/solutions/suspensions such as kaolin clay, montmorillonite clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate and kieselguhr used in paint and paper productions. Add 0.42 to 2.29 lbs of ACTICIDE® LA 1206 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 use in the State of California

* AQUEOUS COMPOSITIONS: ACTICIDE® LA 1206 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, silicon emulsions, surface preparation compounds, foam control products, nutrient solutions and pesticide formulations. Add 0.5 to 3.3 lb (227 g to 1.5 kg) of ACTICIDE® LA 1206 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 use in the State of California

* INDUSTRIAL PROCESS WATERS: ACTICIDE® LA 1206 microbicide is recommended for the control of bacteria, algae and fungi in holding ponds, process tanks of industrial water systems. Use of ACTICIDE® LA 1206 in these systems will also help control of microorganisms in the piping systems. Add 0.3 to 3.3 lb of ACTICIDE® LA 1206 per 1000 gallons of water 40 to 400 ppm ACTICIDE® LA 1206) weekly or as needed for maintenance. For noticeably fouled systems use an initial dose of 1.25 to 7.5 lb ACTICIDE® LA 1206 per 1000 gallons of water. Repeat if necessary to achieve control.
ACTICIDE® LA 1206
INFORMATION SHEET

THIS ACTICIDE® LA 1206 INFORMATION SHEET MUST ACCOMPANY EACH
SHIPMENT OF ACTICIDE® LA 1206

DIRECTIONS FOR USE

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

* HOUSEHOLD CONSUMER, *INDUSTRIAL, *JANITORIAL PRODUCTS  ACTICIDE® LA 1206 is added at
a level of 0.4 to 1.5 lb. (180 - 680 grams) to each 1000 lb. (453.6 kilograms) of product to be protected to
provide 6 to 22.5 ppm of active isothiazolinones. For the control of bacteria and fungi in liquid and solid
soaps, liquid and solid cleaners, liquid and solid detergents, liquid and solid laundry products, liquid and
solid dishwashing detergents, waxes, polishes, liquid and solid fabric treatment/refresher products, liquid
and solid air fresheners/deodorizers, car care products, and other similar cleaners, use 0.4 to 1.0 lb. of
ACTICIDE® LA 1206 per each 1000 lb. (453.6 kilograms) of treated product to provide a level of 6 to 15 ppm
of active ingredient (isothiazolinones). ACTICIDE® LA 1206 may also be used for control of bacteria and
fungi in package utility products such as pre-moistened sponges and mops. Use 0.4 to 1.5 lb. in each 1000
lb. of water to pre-moistened sponges and mops.

ACTICIDE® LA 1206 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 for personal care, as baby wipes, or for
food contact. ACTICIDE® LA 1206 is added at a level of 0.4 to 1.5 lb. (180 - 680 grams) to each 1000 lb.
(453.6 kilograms) of product to be protected to provide 6 to 22.5 ppm of active isothiazolinones.

ACTICIDE® LA 1206 microbiocide may 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 0.04% to
0.15% ACTICIDE® LA 1206 microbiocide. * Not approved for use in the State of California

GENERAL ADVISORY STATEMENT  ACTICIDE® LA 1206 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 28-172 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® LA 1206 microbiocide weighs 8.7 lb. per gallon.