

67071-18

6/15/2007

1/8

JUN 15 2007

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



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

EINGEGANGEN
17. Juli 2007
Erl.....

GWC
RISK

Attention: Lynn P. Toro

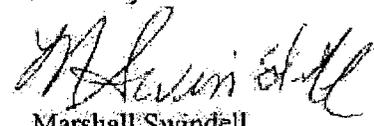
Subject: ACTICIDE SR 2060
EPA Registration No. 67071-18
Amendment Dated May 10, 2007

The amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, for clarification of Existing Uses, is acceptable, provided that you:

1. Change the phrase "...metal cleaning fluids and other cleaners such as liquid soaps, cleaners, detergents..." to read "...metal cleaning fluids and other cleaners including liquid soaps, cleaners, detergents..." in the Directions for Use.
2. Change the phrase "such as" to read "including" wherever it appears in the Information Sheets.
3. Submit two (2) copies of the final printed labeling before you release the product for shipment. 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



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

Enclosure



ACTICIDE® SR 2060

| | |
|--|---------|
| ACTIVE INGREDIENTS: | |
| 2-Bromo-2-nitropropane-1,3-diol | 5.20% |
| 5-Chloro-2-methyl-4-isothiazolin-3-one | 0.85% |
| 2-Methyl-4-isothiazolin-3-one | 0.28% |
| INERT INGREDIENTS | 93.67% |
| TOTAL | 100.00% |

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, ON 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.

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 the poison control center or doctor.
 *Do not give anything by mouth to an unconscious person.
 *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 on Skin:**
 *Wash thoroughly with soap and water.
 *Remove contaminated clothing.
 *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 the first 5 minutes, then continue rinsing eye.
 *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 this 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. Measure against circulatory shock, respiratory depression and convulsions. **ACCEPTED**

With COMMENTS
 EPA Letter Dated: **JUN 15 2007**

Container Label # 10010 - 05/10/07

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

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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incinerator or, if allowed by state and local authorities, by burning. 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 this product conforms to its chemical description and is reasonably fit for the purposes 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 shall, risks, such as, inflammability or other unintended consequences resulting from, 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.**

EPA Reg. No. 67071-18 EPA Est. No. 67071-DEU-001
 Manufactured By/For: Thor GmbH
 D-67346 Speyer, Germany
 Tel. (062332) 6360
 U.S. Office: Acti-Chem Specialties, Inc.
 56 Quarry Road
 Trumbull, CT 06611 USA
 Tel. (203) 365-6530

DIRECTIONS FOR USE
 It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
 Industrial macroblock for use in adhesives, tackifiers, paints, coatings, building materials, polymer latices, printing inks, metal working, metal cleaning fluids and other cleaners, such as liquid soaps, cleansers, detergents, carpet shampoos for industrial and household uses and in disposers and waxers, fuel/dilution tank, bottom water/crude, in pestisides, emulsions/solutions/suspensions, and aqueous compositions, Industrial Water Systems, such as: recirculating water, cooling towers, air washer systems, oil field injection systems, paper slime control, recirculating closed loop water cooling systems, brewery pasteurizer and can warmer systems, ultra filtration units, such as reverse osmosis systems which are classified as indoor non-food and non-food applications. **READ AND FOLLOW THE DIRECTIONS FOR USE ON THE ACCOMPANYING INFORMATION SHEET.**

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)). B. UN 3265, PG-II

| | |
|--------|------------------------|
| Batch: | Net Contents (pounds): |
|--------|------------------------|

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 67071-18

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ACTICIDE® SR 2060 INFORMATION SHEET



THIS ACTICIDE® SR 2060 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE® SR 2060

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® SR 2060 microbicide 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® SR 2060 microbicide is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins. Add 0.5 to 1.65 lb. ACTICIDE® SR 2060 microbicide 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.

PRESERVATIVE FOR BUILDING MATERIALS: ACTICIDE® SR 2060 microbicide 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® SR 2060 microbicide to each 1000 lb. of fluid to provide 5.5 ppm to 18.3 ppm isothiazolones and 26 to 86 ppm bronopol.

PRESERVATIVE FOR LATICES: ACTICIDE® SR 2060 microbicide is recommended for the control of bacteria and fungi in the manufacture and storage of synthetic and natural polymer latices (including process wash waters) 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® SR 2060 microbicide 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® SR 2060 microbicide 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.

LIQUID SOAPS, CLEANERS, DETERGENTS, CARPET SHAMPOOS FOR INDUSTRIAL AND HOUSEHOLD USES AND IN POLISHES AND WAXES: ACTICIDE® SR 2060 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 isothiazolones. For control of bacteria and fungi in liquid detergents, in liquid laundry products and also in dishwashing detergents, waxes, polishes, and other similar cleaners, use 0.4 to 1.0 lb. of ACTICIDE® SR 2060 per each 1000 lb. (453.6 kilograms) of treated product to provide a level of 6 to 15 ppm of active ingredient (isothiazolones). ACTICIDE® SR 2060 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.

METAL WORKING AND METAL CLEANING FLUID PRESERVATION

Metal Working Fluid Preservation: ACTICIDE® SR 2060 microbicide is recommended for the control of bacteria and fungi in aqueous metal working fluid solutions and emulsions. Add 32 fluid ounces (2.2 lb.) per 1000 gallons of emulsion every 4 weeks for maintenance of a non-fouled system. For a noticeably fouled system use an initial dose of 64 to 160 fluid ounces (4.5 to 11 lb.) per 1000 gallons emulsion followed by subsequent maintenance dosage above. A higher dosage rate and/or increased frequency of treatment may be required depending upon the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc. The preservative should be dispensed into the use diluted metal working fluid using a metering pump and uniformly dispersed throughout the water.

ACCEPTED
COMMENTS
EPA Letter Dated:

Information Sheet # 180(g) 05/10/07
Page 1 of 5

EPA Reg. No. 67071-18

Manufactured By/For: Thor GmbH
D-67346 Speyer, Germany
Tel. (06232) 6360
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56 Quarry Road, Trumbull, CT
06611 USA
Tel. (203) 365-6330

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Fungicide, and Rodenticide Act as
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registered under EPA Reg. No. 67071-18

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DIRECTIONS FOR USE

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Metal Cleaning Fluid Preservation: ACTICIDE® SR 2060 microbicide 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® SR 2060 microbicide at a level to ensure that the final use-dilution fluid will contain 334 to 2400 ppm product (about 4 to 26 ppm active isothiazolones and 17 to 125 ppm bronopol). For direct addition to a fouled system, add 83 to 293 fluid ounces (5.6 to 20 lb) of ACTICIDE® SR 2060 microbicide 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 125 ppm 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.

FUELS/OIL/STORAGE TANK BOTTOM WATER/CRUDE: ACTICIDE® SR 2060 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® SR 2060 is recommended for Refinery and Terminal use only. ACTICIDE® SR 2060 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® SR 2060 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® SR 2060 per 1000 gallons (14.4 ppm of isothiazolones and 66 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® SR 2060 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.**

DISPERSED PIGMENT: ACTICIDE® SR 2060 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® SR 2060 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.

AQUEOUS COMPOSITIONS: ACTICIDE® SR 2060 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, silicone 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® SR 2060 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.

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Information Sheet # 180(g) 05/10/07
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ACTICIDE[®] SR 2060 INFORMATION SHEET



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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.

INDUSTRIAL WATER SYSTEMS:

INDUSTRIAL PROCESS WATERS: ACTICIDE[®] SR 2060 microbiocide is recommended for the control of bacteria, algae and fungi in holding ponds, process tanks of industrial water systems. Use of ACTICIDE[®] SR 2060 in these systems will also help control of microorganisms in the piping systems. Add 0.3 to 3.3 lb of ACTICIDE[®] SR 2060 per 1000 gallons of water (40 to 400 ppm ACTICIDE[®] SR 2060) weekly or as needed for maintenance. For noticeably fouled systems use an initial dose of 1.25 to 7.5 lb ACTICIDE[®] SR 2060 per 1000 gallons of water. Repeat if necessary to achieve control.

INDUSTRIAL RECIRCULATING WATER COOLING TOWER: ACTICIDE[®] SR 2060 microbiocide 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[®] SR 2060 per 1000 gallons of water (40 to 400 ppm ACTICIDE[®] SR 2060) weekly or as needed for maintenance. For noticeably fouled systems use an initial dose of 1.25 to 7.5 lb ACTICIDE[®] SR 2060 per 1000 gallons of water. Repeat if necessary to achieve control.

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[®] SR 2060 to 1000 gallons of water (35 to 886 ppm ACTICIDE[®] SR 2060) 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.

OIL FIELD INJECTION WATERS: Add 23 to 58 lb (2.8 to 6.9 gallons) ACTICIDE[®] SR 2060 per 1000 barrels of water (66 to 165 ppm ACTICIDE[®] SR 2060) 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[®] SR 2060 per 1000 barrels of water (162 to 324 ppm ACTICIDE[®] SR 2060) may be used until control is achieved. This product may be used for terrestrial and off-shore oil drilling muds and packer fluids.

PAPER MILLS: Add 0.45 to 7.5 lb of ACTICIDE[®] SR 2060 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[®] SR 2060 should be added to a point such as the Beater or Hydropulper to ensure uniform mixing.

INDUSTRIAL RECIRCULATING CLOSED LOOP WATER COOLING SYSTEMS: Add 0.3 to 3.3 lb of ACTICIDE[®] SR 2060 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[®] SR 2060 per 1000 gallons of water may be needed depending on the severity of the fouling.

BREWERY PASTEURIZERS AND CAN WARMER SYSTEMS: Add 0.3 to 3.3 lb of ACTICIDE[®] SR 2060 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[®] SR 2060 per 1000 gallons of water may be needed depending on the severity of the fouling.

ACCEPTED
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EPA Letter Dated:

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DIRECTIONS FOR USE

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ULTRA FILTRATION UNITS, such as REVERSE OSMOSIS SYSTEMS: ACTICIDE® SR 2060 microbicide is recommended for the control of bacteria and fungi in ultra filtration units, such as reverse osmosis systems. Add 10 - 600 ppm of ACTICIDE® SR 2060 microbicide into industrial ultra filtration or reverse osmosis systems by either continuous feed or periodic injection. Compatibility of ACTICIDE® SR 2060 microbicide 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® SR 2060 microbicide. For periodic membrane cleaning, add 0.3 - 1.75 lbs of ACTICIDE® SR 2060 microbicide to every 120 gallons of cleaning solution (6 - 15 ppm active ingredient). Badly fouled systems should be cleaned before treatment is begun.

PRESERVATIVE FOR PAINTS AND COATINGS: ACTICIDE® SR 2060 microbicide 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, sealants, and special purpose coatings. Add 0.5 to 1.65 lb (227 to 750 grams) ACTICIDE® SR 2060 microbicide 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.

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

Electrodeposition: ACTICIDE® SR 2060 microbicide 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® SR 2060 microbicide may be added through the components of the electrodeposition paint prior to their addition to the electrodeposition system. **Tankside Addition To Electrodeposition Systems:** ACTICIDE® SR 2060 microbicide 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® SR 2060 microbicide (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® SR 2060 (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.

Treatment Of Electrodeposition Paint Components: Initial Dose of Paint Components: ACTICIDE® SR 2060 microbicide 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® SR 2060 microbicide may be added to the electrodeposition system tankside to supplement the microbicide incorporated through paint components.

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If the system becomes noticeably fouled, add 670 to 2400 ppm ACTICIDE® SR 2060 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® SR 2060 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® SR 2060 or 22.9 gallons per 10,000 gallons of system fluid).

Photoplate Processing, Fountain Solutions, And Ink/Ink Components: ACTICIDE® SR 2060 microbiocide is recommended for the control of bacteria and fungi in photoplate processing such as stabilizer solutions and in fountain solutions. ACTICIDE® SR 2060 microbiocide is recommended for water-based printing inks such as flexographic, gravure, screen and ink jet types. ACTICIDE® SR 2060 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® SR 2060 microbiocide should be added to achieve the recommended dosage range for 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® SR 2060 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.

GENERAL ADVISORY STATEMENT

ACTICIDE® SR 2060 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 26-172 ppm bronopol, except for paints and coatings which should be at 4 - 33 ppm isothiazolones and 26 - 248 ppm bronopol, and except as described above or for notably fouled systems ACTICIDE® SR 2060 microbiocide weighs 8.7 lb. per gallon.

ACCEPTED
with COMMENTS
EPA Letter Dated:

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