


67071-52

03/28/2007

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 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Antimicrobials Division (7510C) 1200 Pennsylvania Avenue NW Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <u> x </u> Registration <u> </u> Reregistration</p> <p>(under FIFRA, as amended)</p>	<p>EPA Reg. Number: 67071-52</p>	<p>Date of Issuance: MAR 28 2007</p>
	<p>Term of Issuance: Conditional</p> <p>Name of Pesticide Product: ACTICIDE MBL 5505</p>	
<p>Name and Address of Registrant (include ZIP Code):</p> <p>Thor GmbH D-67346 Speyer, Germany</p>		
<p>Note: Changes in labeling differing in substance from that accepted in connection with the registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</p>		
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/re-registered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4. 2. Make the labeling changes listed below before you release the product for shipment: <ol style="list-style-type: none"> a. Revise the "EPA Registration Number to read, "EPA Reg. No. 67071-52". 		
<p>Signature of Approving Official:</p> <p><i>Marshall Swindell</i></p> <p>Marshall Swindell Product Manager Team-33 Regulatory Management Branch I Antimicrobials Division (7510P)</p>	<p>Date: MAR 28 2007</p>	

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LABELING:

b) The Precautionary Statements must state:

"Corrosive. Causes irreversible eye damage. Do not get in eyes, on skin or on clothing. Wear long-sleeved shirt and long pants, socks, shoes, chemical-resistant gloves, goggles, face shield, or, safety glasses and a respirator with an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or, a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH-approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter. May be fatal if swallowed or inhalation. Harmful if absorbed through skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals."

c) Please note that the storage stability and corrosion characteristics study must be submitted within one (1) year from the date of this Notice of Registration.

3. The Basic Confidential Statement of Formula dated June 5, 2006 is in compliance with PR Notice 91-2 and is acceptable.

4. Submit two (2) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label 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 I
Antimicrobials Division (7510P)

Enclosure

Label # 5505(a)-03/15/06

THOR

ACTICIDE® MBL 5505

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 local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on this label.

STORAGE AND DISPOSAL

PROHIBITIONS: This product is corrosive to mild steel. Do not store or transport in unlined metal 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: Metal container: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. Plastic container: 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 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.

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-BROMO-2-NITROPROPANE-1,3-DIOL, 1,2-benzisothiazol-3(2H)-one), 9, UN 3082, PG-III

Active Ingredients:	
2-Bromo-2-nitro-1,3-propanediol.....	9.00%
1,2-Benzisothiazolin-3-one.....	5.00%
2-Methyl-4-isothiazolin-3-one.....	5.00%
Inert Ingredients:.....	85.00%
Total:.....	100.00%

ACTICIDE® MBL 5505 microbicide weighs 8.9 lb. per gallon

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.
- *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 by a poison control center or doctor.
- *Do not give anything by mouth to an unconscious person.

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 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.

Precautionary Statements: Hazards to Humans and Domestic Animals DANGER

KEEP OUT OF REACH OF CHILDREN.

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS. HARMFUL IF SWALLOWED OR ABSORBED THROUGH SKIN. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. Wear goggles, face shield or safety glasses. Wear coveralls worn over long-sleeved shirt and long pants, socks, chemical resistant footwear, and chemical-resistant gloves. Wash thoroughly with soap and water after handling, before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

DIRECTIONS FOR USE

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

Industrial microbicide for use in polymer latices*, paints* and coatings*, building materials*, adhesives* and tackifiers*, mineral slurries*, additives for paper and paperboard*, oil-in-water emulsions*, as a wet-state preservative for aqueous products*, household*, consumer*, industrial*, and janitorial products*, metal working fluids*, and textiles/cordage products* and textile-textile fibers-making*. **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-XX

EPA Est. No. 67071-DEU-001

Manufactured By: Thor GmbH
D-67346 Speyer, Germany
Tel. (06232) 6360

U.S. Office: Acti-Chem Specialties, Inc.
58 Quarry Road; Trumbull, CT 06811
Tel. (203) 365-6530

Batch: 1

Mfg Date:

ACCEPTED
with COMMENTS
EPA Letter Dated:

Net Contents (pounds):

MAR 28 2007

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.
67071-52

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ACTICIDE[®] MBL 5505 INFORMATION SHEET

THIS ACTICIDE[®] MBL 5505 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE[®] MBL 5505

DIRECTIONS FOR USE

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

*PRESERVATIVE FOR LATICES:

ACTICIDE[®] MBL 5505 microbiocide 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 including latices for paper and paperboard.

Add 0.03 - 0.4% ACTICIDE[®] MBL 5505 based on the weight of emulsion.

ACTICIDE[®] MBL 5505 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 no more than 0.40% ACTICIDE[®] MBL 5505 microbiocide.

A higher dosage rate containing up to 0.5% ACTICIDE[®] MBL 5505 microbiocide may be required as a kill dose or under unfavorable conditions such as extremely high temperatures.

*PRESERVATIVE FOR PAINTS AND COATINGS:

ACTICIDE[®] MBL 5505 microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in water based coatings such as paper and wood coatings and paints used for architectural product finishes and special purpose coatings (including wash solutions from these paints and coatings).

Add 0.03 - 0.4% ACTICIDE[®] MBL 5505 (by weight) to the fluid formulation.

ACTICIDE[®] MBL 5505 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 no more than 0.40% ACTICIDE[®] MBL 5505 microbiocide.

A higher dosage rate containing up to 0.5% ACTICIDE[®] MBL 5505 microbiocide may be required as a kill dose or under unfavorable conditions such as extremely high temperatures.

Special purpose coating uses: Include use as a: <> preservative for electrodeposition paints or solutions, <> preservative for photoplating 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:

ACCEPTED
with COMMENTS
EPA Letter Dated:

MAR 28 2001

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Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
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67071-52

EPA Reg. No. 67071-XX
Manufactured By/For: Thor GmbH
D-67346 Speyer, Germany
Tel. (06232) 6360
U.S. Office: Acti-Chem Specialties, Inc.
56 Quarry Road, Trumbull,
CT 06611 USA
Tel. (203) 365-6530

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ACTICIDE® MBL 5505 INFORMATION SHEET

**THIS ACTICIDE® MBL 5505 INFORMATION SHEET MUST ACCOMPANY EACH
SHIPMENT OF ACTICIDE® MBL 5505**

ACCEPTED
with COMMENTS
EPA Letter Dated:
MAR 28 2001

DIRECTIONS FOR USE

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

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
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67071-52

*ELECTRODEPOSITION:

ACTICIDE® MBL 5505 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® MBL 5505 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® MBL 5505 microbiocide should be dispensed into the recirculating rinse system, ultrafilter permeate, or final distilled rinse system at a point to insure uniform mixing.

Non-fouled Systems:

add up to 0.25% (w/v) ACTICIDE® MBL 5505 (based on the total gallons of fluid in the system) weekly or as needed to maintain the system.

Noticeably fouled systems:

add up to 0.4% (w/v) ACTICIDE® MBL 5505 microbiocide (based on the total gallons of fluid in the system). Repeat until control is achieved.

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® MBL 5505 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 no more than 250 ppm isothiazolones

PHOTO PROCESSING, FOUNTAIN SOLUTIONS, AND INK/INK COMPONENTS:

ACTICIDE® MBL 5505 microbiocide is recommended for the control of bacteria and fungi in photoplate processing such as stabilizer solutions and in fountain solutions. ACTICIDE® MBL 5505 microbiocide is recommended for water-based printing inks such as flexographic, gravure, screen and ink jet types. ACTICIDE® MBL 5505 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.

Add 0.03 to 0.4% on a total weight basis. A level adjustment may be necessary to accommodate the slight change in solution formulations.

Up to 50% ACTICIDE® MBL 5505 based on the weight of concentrate may be added to concentrates so long as the final use-dilution product contains not more than 250 ppm active isothiazolones.

NOTE: To insure uniform mixing, add ACTICIDE® MBL 5505 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.

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*PRESERVATIVE FOR BUILDING MATERIALS:

ACTICIDE® MBL 5505 microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in building materials such as mastics, caulks, joint cements, spackles and grouts, and concrete admixtures.

Add 0.03 - 0.4% ACTICIDE® MBL 5505 (by weight) to the fluid.

ACTICIDE® MBL 5505 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 no more than 0.40% ACTICIDE® MBL 5505 microbiocide.

A higher dosage rate containing up to 0.5% ACTICIDE® MBL 5505 microbiocide may be required as a kill dose or under unfavorable conditions such as extremely high temperatures.

*PRESERVATIVE FOR ADHESIVES AND TACKIFIERS:

ACTICIDE® MBL 5505 microbiocide is recommended as a 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® MBL 5505 microbiocide is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins.

Add 0.03 - 0.4% (by weight) of ACTICIDE® MBL 5505 to the fluid.

ACTICIDE® MBL 5505 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 no more than 0.40% ACTICIDE® MBL 5505 microbiocide.

A higher dosage rate containing up to 0.5% ACTICIDE® MBL 5505 microbiocide may be required as a kill dose or under unfavorable conditions such as extremely high temperatures.

*PRESERVATIVE FOR DISPERSED PIGMENTS (MINERAL SLURRIES):

ACTICIDE® MBL 5505 microbiocide is recommended for the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as refractory coatings, ceramic glazes, kaolin clay, montmorillonite clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate and kieselguhr used in paint and paper products.

Add 0.1 - 0.2% (by weight) of ACTICIDE® MBL 5505 to the dispersion.

ACTICIDE® MBL 5505 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 no more than 0.2% ACTICIDE® MBL 5505 microbiocide.

A higher dosage rate containing up to 0.5% ACTICIDE® MBL 5505 microbiocide may be required as a kill dose or under unfavorable conditions such as extremely high temperatures.

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ACTICIDE[®] MBL 5505 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.

*PRESERVATIVE FOR OIL-IN-WATER EMULSIONS:

ACTICIDE[®] MBL 5505 is recommended for use in spin-finish solutions used in the textile industry and photographic emulsions.

Add 0.03 - 0.4% (by weight) ACTICIDE[®] MBL 5505 to the emulsion.

ACTICIDE[®] MBL 5505 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 no more than 0.40% ACTICIDE[®] MBL 5505 microbiocide.

A higher dosage rate containing up to 0.5% ACTICIDE[®] MBL 5505 microbiocide may be required as a kill dose or under unfavorable conditions such as extremely high temperatures.

*WET STATE PRESERVATIVE:

ACTICIDE[®] MBL 5505 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 aqueous pesticides [includes use as a wet-state preservative for the control of bacteria and fungi in pesticide products for dilution (with a MIT level of not more than 9 ppm in the final solution) applied to crops and for use in pesticide formulations for use on food contact surfaces at rates described for wet-state preservative category].

Add 0.03 - 0.4% (by weight) ACTICIDE[®] MBL 5505 to the product.

ACTICIDE[®] MBL 5505 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 no more than 0.40% ACTICIDE[®] MBL 5505 microbiocide.

A higher dosage rate containing up to 0.5% ACTICIDE[®] MBL 5505 microbiocide may be required as a kill dose or under unfavorable conditions such as extremely high temperatures.

ACCEPTED
with COMMENTS
EPA Letter Dated:
MAR 28 2006

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.
67071-52

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ACTICIDE® MBL 5505 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.

*HOUSEHOLD, CONSUMER, INDUSTRIAL, INSTITUTIONAL, JANITORIAL PRODUCTS:

For the control of microorganisms 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/refreshers products, liquid and solid air fresheners/deodorizers, car care products, and other similar cleaners. ACTICIDE® MBL is recommended for the control of microorganisms 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 microorganisms in package utility products including pre-moistened sponges and mops in uses cited above.

ACTICIDE® MBL 5505 is added at a level of 0.006% - 0.2% to the product to be protected.

ACTICIDE® MBL 5505 may be added to concentrates so long as the final use-dilution product contains not more than 0.006% to 0.2% ACTICIDE® MBL 5505.

*PRESERVATIVE FOR METAL WORKING FLUIDS:

ACTICIDE® MBL 5505 microbiocide is recommended for the control of bacteria and fungi in aqueous metal working fluid solutions and emulsions. The preservative should be dispensed into the use dilution of the metal working fluid using a pump and uniformly dispersed throughout the system.

Non-fouled Systems:

Add up to 0.075% as required for maintenance

Noticeably fouled systems:

Add up to 0.20% followed by subsequent maintenance dosage above.

ACTICIDE® MBL 5505 microbiocide may be added products formulated as concentrates which are in turn diluted for use at a level to ensure that the final use-dilution product will contain no more than the levels listed 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.

*PRESERVATIVE FOR TEXTILES/CORDAGE PRODUCTS AND TEXTILE-/TEXTILE-FIBERS MAKING:

ACTICIDE® MBL 5505 is recommended as a preservative for the control of bacteria and fungi in textiles and non-woven products (such as canvas, carpet, cordage, drapes, and shower curtains), in chemicals commonly used in the production of natural and synthetic fibers and fabrics (such as fiber lubricants, spin finishes, sizes, dyestuffs, textile printing inks, dispersants, thickeners, dye fixatives, hand builders and weighters), and in textile coatings.

Add 0.0.3 - 0.4% (by weight) ACTICIDE® MBL 5505 to the fluid.

ACCEPTED
with COMMENTS
EPA Letter Dated:

MAR 28 2007

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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 WASTE-WATER AND WASH-WATER SYSTEMS:

ACTICIDE[®] MBL 5505 microbicide is recommended for the control of microorganisms. It should be added to the lower basin or some other point to ensure uniform mixing.

Add 0.01 – 0.03% of ACTICIDE[®] MBL 5505 weekly or as needed for maintenance.

For noticeably fouled systems use an initial dose of 0.01 – 0.08% ACTICIDE[®] MBL 5505. Repeat if necessary to achieve control. 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 local sewage treatment plant authority

*AIR WASHER SYSTEMS AND PAINT SPRAY BOOTHS:

For use only in industrial air washing systems and paint spray booths that maintain effective mist eliminating components.

Add 0.01 – 0.08% ACTICIDE[®] MBL 5505 in the air washer sump, or chill water sump to ensure uniform mixing, for the control of microorganisms. A repeat treatment may be needed depending on the severity of contamination.

*OIL FIELD INJECTION WATERS:

Add 0.01 – 0.1% ACTICIDE[®] MBL 5505 to the water weekly or as needed to maintain control of slime-forming and sulfate reducing microorganisms in oil and gas field water systems including enhanced recovery injection fluids and drilling fluids.

An initial dose of 0.02 – 0.2% ACTICIDE[®] MBL 5505 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 0.02 – 0.3% of ACTICIDE[®] MBL 5505 [0.02 – 0.3 lbs ACTICIDE[®] MBL 5505 per 100 lbs pulp or paper (dry basis)] of pulp or paper produced as slug dose for the control of microorganisms and fungal slime in the production of paper.

ACTICIDE[®] MBL 5505 should be added at a point such as the beater or hydropulper to ensure uniform mixing.

*INDUSTRIAL RECIRCULATING WATER COOLING TOWERS AND CLOSED LOOP COOLING SYSTEMS:

Add 0.01 – 0.03% of ACTICIDE[®] MBL 5505 in the system weekly to maintain control of microorganisms in the reservoir, recirculating line or some other point to ensure uniform mixing.

For noticeably fouled systems an initial treatment of 0.02 – 0.1% ACTICIDE[®] MBL 5505 may be needed depending on the severity of the fouling.

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EPA Letter Dated:

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EPA Reg. No. 67071-JX

Manufactured By/For: Thor GmbH
D-67346 Speyer, Germany
Tel. (06232) 6360
Acti-Chem Specialties, Inc.
56 Quarry Road, Trumbull,
CT 06611 USA
Tel. (203) 365-6530

U.S. Office:

Under the Federal Insecticide,
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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.

*ULTRA FILTRATION UNITS, SUCH AS REVERSE OSMOSIS SYSTEMS:

ACTICIDE® MBL 5505 microbicide is recommended for the control of microorganisms in ultra filtration units, such as reverse osmosis systems.

Add 0.005 – 0.05% ACTICIDE® MBL 5505 into industrial ultra filtration or reverse osmosis systems by either continuous feed or periodic injection. Compatibility of ACTICIDE® MBL 5505 microbicide with reverse osmosis membranes should be confirmed with membrane manufacturers.

For the control of microorganisms in carbon beds, add 0.001 – 0.07% ACTICIDE® MBL 5505. For periodic membrane cleaning, add 0.03 – 0.2% ACTICIDE® MBL 5505 to cleaning solution. Badly fouled systems should be cleaned before treatment is begun.

* Not approved for this use in the State of California

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