

67071-22

3/31/2010

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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Ms. Lynn P. Tordo  
Regulatory Manager for,  
THOR Specialties, Inc.  
56 Quarry Road  
Trumbull, CT 06611

MAR 31 2010

Subject: Acticide B 20  
EPA Registration Number 67071-22  
Your Amendment Dated February 10<sup>th</sup>, 2010  
EPA Received Date March 10<sup>th</sup>, 2010

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, FIFRA, as amended, to revise the Container Handling labeling language as per PR Notice 2007-4, is acceptable.

A stamped copy of the labeling is enclosed.

If you have any questions concerning this letter, please contact Karen M. Leavy-Munk at (703)-308-6237.

Sincerely,

Marshall Swindell  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobial Division(7510C)



# ACTICIDE® B20

## Precautionary Statements: Hazards to Humans and Domestic Animals **DANGER**

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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.

### STORAGE AND DISPOSAL

Prohibitions: Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

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 ¼ 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 ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring 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.

ACTIVE INGREDIENTS:	
1,2-Benzisothiazolin-3-one	20.0%
INERT INGREDIENTS:	80.0%
TOTAL:	100.0%

ACTICIDE® B20 microbiocide weighs 9.6 lb. per gallon.

## KEEP OUT OF REACH OF CHILDREN **DANGER - PELIGRO**

See Side panel for additional precautionary statements

FIRST AID	
<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>*Call a poison control center or doctor immediately for treatment advice.</li> <li>*Have person sip a glass of water if able to swallow.</li> <li>*Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>*Do not give anything by mouth to an unconscious person</li> </ul>
<b>If on Skin or clothing:</b>	<ul style="list-style-type: none"> <li>*Take off contaminated clothing.</li> <li>*Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>*Call a poison control center or doctor for treatment.</li> </ul>
<b>If in Eyes:</b>	<ul style="list-style-type: none"> <li>*Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>*Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>*Call a poison control center or doctor for treatment advice.</li> </ul>
Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage.	
HOT LINE NUMBER: In case of emergency, for additional information call toll free 1-800-424-9300. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
For Transportation / Spill Emergency: Call Chemtrec at 1-800-424-9300	

CAUSTIC ALKALI LIQUID, N.O.S. (Sodium Hydroxide and 1,2-Benzisothiazolin-3-one), 8, UN 1719, PG-III

**ACCEPTED**  
with **COMMENTS**  
EPA Letter Dated:

Batch:	Mfg Date: <u>MAR 31 2010</u>	Net Contents (pounds):
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Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 67071-22

CORROSIVE. CAUSES SEVERE EYE DAMAGE AND SKIN DAMAGE. MAY CAUSE ALLERGIC SKIN REACTION. HARMFUL OR FATAL IF INHALED, SWALLOWED OR ABSORBED THROUGH THE SKIN.

Do not get in eyes, on skin or clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing vapor or spray mist. Avoid contamination of food. Do not take internally. Wash thoroughly after handling.

### 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 aqueous compositions such as oil in water emulsions, latices, paints, adhesives, casein/rosin dispersions, building materials such as tape joint compounds, aqueous slurries, dispersed pigments, such as titanium dioxide slurries, inks, pesticide formulations, textile spin-finish solutions, leather processing solutions, for the preservation of fresh animal hides and skins, slime control, oil recovery systems, and for use in household consumer, industrial, janitorial products. READ AND FOLLOW THE DIRECTIONS FOR USE ON THE ACCOMPANYING INFORMATION SHEET.

### EPA Reg. No. 67071-22

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

### EPA Est. No. 67071-DEU-001

U.S. Office: Thor Specialties, Inc.  
56 Quarry Road; Trumbull, CT 06611  
USA  
Tel. (203) 365-6530

### 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.

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# ACTICIDE<sup>®</sup> B20 INFORMATION SHEET

**THIS ACTICIDE<sup>®</sup> B20 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE<sup>®</sup> B20**

## DIRECTIONS FOR USE

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

ACTICIDE<sup>®</sup> B20 is an effective preservative in most aqueous compositions. Typical applications and suggested range of use concentrations based on total weight of product are as follows :

<b>OIL IN WATER EMULSIONS</b> Spin-finish solutions for use in textile industry and photographic emulsions. Cutting/rolling oils. Soluble oils (metal and engineering industries). We suggest that the addition to metal-working fluid concentrates of ACTICIDE <sup>®</sup> B20 should be limited to 1.5% maximum. This will give a maximum recommended use level of 0.15% ACTICIDE <sup>®</sup> B20 in a 10:1 dilution of the concentrate and reduce the possibility of skin sensitization.	<b>0.05 – 0.25%</b> 0.5 - 2.5 LB / PER 1000 LB PRODUCT
<b>LATICES</b> Polymer latices based on acrylates, PVA, butadiene and styrene for various applications. Synthetic/rubber latices.	<b>0.05 – 0.25%</b> 0.5 - 2.5 / PER 1000 LB PRODUCT
<b>EMULSION PAINTS</b> As an in-container preservative.	<b>0.05 – 0.25%</b> 0.5 - 2.5 / PER 1000 LB PRODUCT
<b>ADHESIVES</b> Animal glues, vegetable glues, carboxymethylcellulose and derivatives, adhesives based on gelatin and latices.	<b>0.05 – 0.25%</b> 0.5 - 2.5 / PER 1000 LB PRODUCT
<b>*PAPER COATING COMPOSITIONS</b> Rosin dispersions, starch and casein based products. <i>* Not approved for this use in the state of California</i>	<b>0.05 – 0.25%</b> 0.5 - 2.5 / PER 1000 LB PRODUCT
<b>*PESTICIDE FORMULATIONS</b> For product preservation. For ultimate use-dilution protection. ACTICIDE <sup>®</sup> B20 is exempt from tolerance under 40 CFR 180. Materials exempted from the requirements of a tolerance when used in accordance with good agricultural practices as inert (or occasionally active) ingredients in pesticide formulations applied to growing crops only. Based on the current limit of 0.1% BIT in formulations, use levels up to 0.5% (5,000 ppm) ACTICIDE <sup>®</sup> B20 are allowed. <i>* Not approved in the state of California</i>	<b>0.05 – 0.25%</b> 0.5 - 2.5 / PER 1000 LB PRODUCT
<b>*INKS</b> <i>* Not approved for this use in the state of California</i>	<b>0.05 – 0.25%</b> 0.5 - 2.5 / PER 1000 LB PRODUCT

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Tel. (06232) 6360  
U.S. Office: Thor Specialties, Inc.  
56 Quarry Road, Trumbull, CT  
06611 USA  
Tel. (203) 365-6530

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## DIRECTIONS FOR USE

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<b>BUILDING MATERIALS INCLUDING TAPE JOINT COMPOUNDS</b>	<b>0.08 – 0.25%</b> 0.80 - 2.5 / PER 1000 LB PRODUCT
<b>*AQUEOUS MINERAL SLURRIES</b> Including titanium dioxide, kaolin, calcium carbonate, calcium sulfate and magnesium silicate. <i>* Not approved for this use in the state of California</i>	<b>0.04 – 0.25%</b> 0.4 - 2.5 / PER 1000 LB PRODUCT
<b>*LEATHER PROCESSING SOLUTIONS</b> <i>* Not approved for this use in the state of California</i>	<b>0.025 – 0.20%</b> 0.25 - 2.0 / PER 1000 LB PRODUCT
<b>*HOUSEHOLD *CONSUMER, *INDUSTRIAL, *JANITORIAL PRODUCTS</b> 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/refreshers products, liquid and solid air fresheners/deodorizers, car care products, and other similar cleaners. ACTICIDE® B20 may also be used for the control of bacteria and fungi in package utility products including pre-moistened sponges and mops. ACTICIDE® B20 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® B20 microbicide 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 0.05 - 0.20% ACTICIDE® B20.  <i>* Not approved for this use in the state of California</i>	<b>0.05 – 0.20%</b> 0.5 – 2.0 / PER 1000 LB PRODUCT
<b>*PRESERVATION OF FRESH ANIMAL HIDES AND SKINS:</b>  To preserve the integrity of fresh animal hides and skins prior to or during processing, use 13 fluid ounces to 2.5 gallons (1.0 – 2.4 lb) of ACTICIDE® B20 per 1000 pounds of hides or skins. Add the appropriate quantity of ACTICIDE® B20 to the brine solution during the curing operation, or treat hides or skins with an appropriately diluted aqueous solution during other portions of the processing operation. The specific use rate and contact time needed to control microbial attack will depend upon the degree of decomposition of the hides or skins prior to treatment.  <i>* Not approved for this use in the state of California</i>	

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EPA Reg. No. 67071-22

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<p><b>*SLIME CONTROL</b></p> <p>Shock Dosing: 70 to 260 grams (2 1/2 - 9 oz) of ACTICIDE® B20 for each ton of paper produced per day should be added as a single daily shock dose, the actual quantity used depending on the severity of the slime problem. This addition may be made to any part of the stock preparation or backwater system.</p> <p>Continuous addition: ACTICIDE® B20 should be added continuously for either the single period of 8 hours during every 24 hours or for two separate periods of 4 hours during every 24 hours. ACTICIDE® B20 should be metered at the rate of 195-230 grams (7-8.3 oz) for each ton of paper produced during the dosing period. This addition should be made to the recirculated backwater.</p> <p><i>* Not approved for this use in the state of California</i></p>
<p><b>*OIL RECOVERY SYSTEMS</b></p> <p>Drilling fluids , packer fluids, completion fluids (polysaccharide fluid loss control agents and thickeners including starch, guar, and xanthan gum) add 0.05% to 0.15% based on the fluid weight or 1.5% - 4.5% based on the dry polysaccharide weight</p> <p>Subsurface injection waters including polymer and micellar/polymer waterfloods (thickeners including xanthan gum and polyacrylamides): add 0.015% to 0.15% based on solution weight</p> <p><i>* Not approved for this use in the state of California</i></p>

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MAR 21 2006

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