

67071-22

06/18/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON D C 20460



Office of Pesticide Programs

Thor GmbH  
Landwehrstrasse 1  
D 67346 Speyer Germany

JUN 18 2012

**AGENT Thor Specialties Inc**  
**50 Waterview Drive**  
**Shelton CT 06484**

Attention Lynn P Tordo MS

Subject ACTICIDE® B 20  
EPA Registration No 67071 22  
Amendment Dated March 27 2012

The amendment submitted in connection with registration under the Federal Insecticide Fungicide and Rodenticide Act (FIFRA) as amended to clarify the use of an existing use category is acceptable provided that you

1 Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec 3©(5) and sec 4 uses when the Agency requires all registrants of similar products to submit such data

2 Submit two (2) copies of final printed labeling before you release the product for shipment

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 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

Label # 220(k) - 26 Mar 2012

# ACTICIDE® B20

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

ACTICIDE® B20 microbicide weighs 9.6 lb per gallon

## KEEP OUT OF REACH OF CHILDREN

## DANGER - PELIGRO

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 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
- 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
- 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

**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 Chemfrec at 1 800 424 9300

CONDITIONS OF SALE AND WARRANTY  
 EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE  
 HIGHER THAN THE MANUFACTURER'S SPECIFICATIONS  
 DAMAGES RESULTING FROM THE HANDLING, STORAGE, OR USE OF THIS PRODUCT

**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.

**PHYSICAL AND CHEMICAL HAZARD**  
 Keep away from strong oxidizers

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

ACCEPTED with COMMENTS in EPA Letter Dated. 6/18/12

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended for the pesticide registered under EPA Reg No. 7071-02



## Precautionary Statements

Hazards to Humans and Domestic

### Animals

### DANGER

Corrosive Causes irreversible eye damage. Do not get in eyes on skin or on clothing. May be fatal if inhaled. Do not breathe vapor or spray mist. Harmful if swallowed. Harmful if absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear goggles or face shield 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 shirt long pants shoes socks and chemical resistant gloves made of barrier laminate butyl nitrile or neoprene rubber polyvinyl chloride or viton. Remove PPE immediately after handling this product. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing/PPE immediately then wash thoroughly and change into clean clothing.

### 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, latexes, 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.

Not approved for this use in the state of California

EPA Reg No 67071 22 EPA Est No 67071 DEU-001

Manufactured By/For  
 Thor Specialties Inc  
 50 Waterview Drive  
 Shelton CT 06484  
 Germany  
 Tel (203) 516 6980

Net Contents (pounds)

Mfg Date

Batch

# ACTICIDE® B20 INFORMATION SHEET



**THIS ACTICIDE® B20 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE® B20**

## DIRECTIONS FOR USE

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

ACTICIDE® 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® B20 should be limited to 1.5% maximum. This will give a maximum recommended use level of 0.15% ACTICIDE® B20 in a 10:1 dilution of the concentrate and reduce the possibility of skin sensitization <i>Not approved for this use in the state of California</i>	<b>0.05 – 0.25 /</b> 0.5 2.5 LB / PER 1000 LB PRODUCT  <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 LB / PER 1000 LB PRODUCT
<b>EMULSION PAINTS</b> As an in container preservative	<b>0.05 – 0.25%</b> 0.5 2.5 LB / 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 LB / PER 1000 LB PRODUCT
<b>PAPER COATING COMPOSITIONS</b> Rosin dispersions starch and casein based products	<b>0.05 – 0.25 /</b> 0.5 2.5 LB / PER 1000 LB PRODUCT
<b>PESTICIDE FORMULATIONS</b> For product preservation For ultimate use dilution protection ACTICIDE® 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® B20 are allowed	<b>0.05 – 0.25%</b> 0.5 2.5 LB / 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 LB / PER 1000 LB PRODUCT
<b>BUILDING MATERIALS</b> including tape joint compounds caulks sealants grouts spackling ready mixed cements concrete admixtures and wallboard compounds <i>Not approved for these uses in the state of California</i>	<b>0.08 – 0.25%</b> 0.80 2.5 LB / PER 1000 LB PRODUCT
<b>AQUEOUS MINERAL SLURRIES</b> Including titanium dioxide kaolin calcium carbonate calcium sulfate and magnesium silicate	<b>0.04 – 0.25%</b> 0.4 2.5 LB / PER 1000 LB PRODUCT

Information Sheet #220(k) – 27 in EPA Letter Dated.  
Page 1 of 3

EPA Reg No 67071 22  
Manufactured By/For Thor GmbH  
D 67346 Speyer Germany  
Tel (06232) 6360  
Thor Specialties Inc  
50 Waterview Drive Shelton  
CT 06484 USA  
Tel (203) 516 6980

**ACCEPTED with COMMENTS**  
*6/18/12*  
Under the Federal Insecticide Fungicide and Rodenticide Act as amended by Act 108 registered under EPA Reg No *67071-22*

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# ACTICIDE® B20 INFORMATION SHEET



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## DIRECTIONS FOR USE

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<b>LEATHER PROCESSING SOLUTIONS</b>	<b>0 025 – 0 20 /</b> 0 25 2 0 LB / PER 1000 LB PRODUCT
<b>HOUSEHOLD CONSUMER INDUSTRIAL JANITORIAL PRODUCTS LIQUID</b> For the control of bacteria and fungi in liquid soaps liquid cleaners liquid detergents liquid laundry products liquid dishwashing detergents waxes polishes liquid fabric treatment/refreshers products liquid 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	<b>0 05 – 0 20 %</b> 0 5 – 2 0 / PER 1000 LB PRODUCT
<b>HOUSEHOLD CONSUMER INDUSTRIAL JANITORIAL PRODUCTS SOLID</b> For the control of bacteria and fungi in solid soaps solid cleaners solid detergents solid laundry products solid dishwashing detergents waxes polishes solid fabric treatment/refreshers products solid air fresheners/deodorizers car care products and other similar cleaners  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 – 24 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	

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated.**

6/18/12

Under the Federal Insecticide, Fungicide, and Rodenticide Act  
EPA Reg No 67071 22  
Manufactured By/For  
U S Office

Thor GmbH  
D 67346 Speyer Germany  
Tel (06232) 6360  
Thor Specialties Inc  
50 Waterview Drive Shelton  
CT 06484 USA  
Tel (203) 516 6980

S/S

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### SLIME CONTROL

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

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

*Not approved for this use in the state of California*

### OIL RECOVERY SYSTEMS

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

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

*Not approved for this use in the state of California*

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated**

4/18/12

Under the Federal Insecticide  
Fungicide and Rodenticide Act as  
amended for the pesticide  
registered under EPA Reg No 67071-22