

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



United States
Environmental Protection
Agency

Office of Pesticide Programs

SEP 02 2009

Thor GmbH
Landwehrstrasse 1
D-67346,
Speyer, Germany

AGENT: Acti-Chem Specialties, Inc.
56 Quarry Road
Trumbull, CT 06611

Attention: Lynn P. Toro

Subject: ACTICIDE B20
EPA Registration No. 67071-22
Amendment Dated July 1, 2009

The amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable.

- Correction of recommended use levels

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

A handwritten signature in black ink that reads "M Swindell".

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

Enclosure

ACCEPTED
with COMMENTS
EPA Letter Dated:

SEP - 2 2009

Label # 220(g3 b)-04/20908 04/20/2009

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

ACTICIDE® B20

THOR

Precautionary Statements:
Hazards to Humans and Domestic

Animals
DANGER

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 on 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 cleaning products; laundry additives, car care products
household consumer, industrial, janitorial products. READ
AND FOLLOW THE DIRECTIONS FOR USE ON THE
ACCOMPANYING INFORMATION SHEET.

* Not approved for use in casein/rosin dispersions, 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 cleaning products, laundry additives, car care household
consumer, industrial, janitorial products in the State of California.

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

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: 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 by 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.

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

For Transportation / Spills Emergency:

Call Chemtrec at 1-800-424-9300

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

- 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.
- If on Skin: *Take off contaminated clothing
Or 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 the first 5
minutes, then continue rinsing eye
*Call a poison control center or doctor for 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.

Batch:	Mfg Date:	Net Contents (pounds):
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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:

LB PER 1000 LB PRODUCT

OIL IN WATER EMULSIONS 0.5 - 1.8

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:

LATICES 0.5 - 1.5

Polymer latices based on acrylates, PVA, butadiene and styrene for various applications such as wax floor polishes. Synthetic/rubber latices.

EMULSION PAINTS 0.5 - 1.5

As an in-container preservative.

ADHESIVES 0.5 - 2.5

Animal glues, vegetable glues, carboxymethylcellulose and derivatives, adhesives based on gelatin and latices.

***PAPER COATING COMPOSITIONS. 0.5 - 2.5**

Rosin dispersions, starch and casein based products.

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

***PESTICIDE FORMULATIONS 0.5 - 2.5**

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

***INKS 0.5 - 2.5**

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

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SEP - 2 2009

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Fungicide and Rodenticide Act as
amended by the
registered under EPA Reg. No. 67071-22

EPA Reg. No. 67071-22

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LB PER 1000 LB PRODUCT

BUILDING MATERIALS SUCH AS TAPE JOINT COMPOUNDS 0.85 - 2.5

***AQUEOUS MINERAL SLURRIES 0.4 - 1.25**

Such as titanium dioxide, kaolin, calcium carbonate, calcium sulfate and magnesium silicate. * Not approved for this use in the state of California

***HOUSEHOLD *CONSUMER, *INDUSTRIAL, *JANITORIAL PRODUCTS 0.5 - 2.0**

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. ACTICIDE® B20 may also be used for the control of bacteria and fungi in package utility products such as 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. * Not approved for this use in the state of California

***LEATHER PROCESSING SOLUTIONS 0.25 - 2.0**

* Not approved for this use in the state of California

*PRESERVATION OF FRESH ANIMAL HIDES AND SKINS:

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.

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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 such as 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 such as polymer and micellar/polymer waterfloods (thickeners such as xanthan gum and polyacrylamides): add 0.015% to 0.15% based on solution weight * Not approved for this use in the state of California

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