



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number:

67071-23

Date of Issuance

122910

Term of Issuance:

Conditional

Name of Pesticide

Product:

Acticide BW 20

NOTICE OF PESTICIDE:

Registration

X Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Thor GmbH
Landwehrstrasse 1
D-67346,
Speyer, Germany

Note: Changes in labeling differing in substance from that accepted in connection with this 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.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

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.

Based on your response to the 1,2-Benzisothiazolin-3-one RED, the EPA has reregistered this product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g) (2) of the Federal Insecticide, Fungicide and Rodenticide Acts, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. The EPA may require submission of data at any time to maintain the registration of the subject product.

1. Make the following label changes:

a. Revise the EPA Registration Number to read "67071-23".

Signature of Approving Official:

Marshall Swindell
Product Manager Team-33
Regulatory Management Branch I
Antimicrobials Division (7510P)

Handwritten signature of Marshall Swindell

Date:

122910

b. Per the acute toxicity review, "IF INHALED" statements must be added to the first aid statements and statements should be placed in the order listed below:

"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 first air.
If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable 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 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."

c. Per the acute toxicity review, the Hazards to Humans and Domestic Animals section must be revised to read:

"DANGER

Causes irreversible eye damage. Do not get in eyes, on skin, or on clothing. May be fatal if inhaled. Do not breathing 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 an organic vapor (OPV) cartridge or canister with any N, R, P or HE prefilter, long-sleeved shirt and long pants, socks, shoes and chemical-resistant gloves made of any waterproof materials."

d. The Agency recommends that the following User Safety Recommendations Requirements text be added to the label:

"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 the."

e. Per the acute toxicity review, the following User Safety Recommendations must be added to the label:

"User Safety Recommendations

User should wash hands before, eating, drinking, chewing gum, using tobacco, or using the toilet.

User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

User should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing."

f. In lieu of conducting an Oxidation/Reduction: Chemical Incompatibility study, the registrant has agreed to add the following text to the label:

"Physical or Chemical Hazards:
Do not store or use near oxidizing or reducing agents."

g. The Storage and Disposal section must comply with the PR Notice 2007-4.

2. For additional labeling clarity and consistency, please refer to the enclosed EPA reviews.

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.

Submit two (2) copies of the revised labeling bearing the labeling revisions listed above. A stamped copy of the label is enclosed for your records.

If you have questions concerning this matter, please contact me at (703) 308-6341 or by email at swindell.marshall@epa.gov or Martha L. Terry at (703) 308-6217 or by email at terry.martha@epa.gov.

Sincerely,



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

Enclosures: (Stamped Label)

ACCEPTED
with COMMENTS
EPA Letter Dated:

DEC 29 2010

Label # 230(d1)-04/29/2008

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended for the pesticide
registered under EPA Reg. No. **ACTICIDE® BW20**
67071-23

THOR

Precautionary Statements:
Hazards to Humans and Domestic
Animals

DANGER

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN
BURNS. MAY CAUSE ALLERGIC SKIN REACTION. HARMFUL IF
SWALLOWED OR ABSORBED THROUGH THE SKIN.

Do not get in eyes. Avoid contact with skin or clothing. Wear
goggles or face shield and rubber gloves when handling. Avoid
contamination of food. Do not take internally. Wash thoroughly after
handling. Wash hands thoroughly before eating, drinking, chewing
gum, using tobacco or using the toilet.

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, 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. 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 products in the State
of California

EPA Reg. No. 67071-23

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. Apply this pesticide only as specified on this label.

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.

ACTIVE INGREDIENTS:

1,2-Benzisothiazolin-3-one 20.0%

INERT INGREDIENTS:

80.0%

TOTAL:

100.0%

**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.

For Transportation / Spill Emergency:
Call Chemtrec at 1-800-424-9300

Batch:

Mfg Date:

Net Contents (pounds):

4/6

5/6



ACTICIDE® BW20 INFORMATION SHEET

THIS ACTICIDE® BW20 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE® BW20

DIRECTIONS FOR USE

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

ACTICIDE® BW20 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 - 2.5
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® BW20 should be limited to 1.5% maximum. This will give a maximum recommended use level of 0.15% ACTICIDE® BW20 in a 10:1 dilution of the concentrate and reduce the possibility of skin sensitization.	
LATICES	0.5 - 2.5
Polymer latices based on acrylates, PVA, butadiene and styrene for various applications such as wax floor polishes. Synthetic/rubber latices.	
EMULSION PAINTS	0.5 - 2.5
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.	
*PESTICIDE FORMULATIONS	0.5 - 2.5
For product preservation. For ultimate use-dilution protection. ACTICIDE® BW20 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® BW20 are allowed.	
*INKS	0.5 - 2.5
TAPE JOINT COMPOUNDS	0.80 - 2.5
*AQUEOUS MINERAL SLURRIES	0.4 - 2.5
Such as titanium dioxide, kaolin, calcium carbonate, calcium sulfate and magnesium silicate.	
*LEATHER PROCESSING SOLUTIONS	0.25 - 2.0
*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® BW20 per 1000 pounds of hides or skins. Add the appropriate quantity of ACTICIDE® BW20 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**

Information Sheet # 230(d) 04-2978
Page 1 of 2
EPA Letter Dated:

DEC 29 2010

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 67071-23

EPA Reg. No. 67071-23

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

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



ACTICIDE® BW20 INFORMATION SHEET

THIS ACTICIDE® BW20 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE® BW20

DIRECTIONS FOR USE

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

- *HOME CLEANING PRODUCTS 0.05 - 0.15
Such as floor cleaners, floor waxes and polishes, hard surface cleaners, window cleaners, dish detergents used in the cleaning and maintenance of the interior and exterior of residential buildings. ACTICIDE® BW20 may also be used for the control of bacteria and fungi in solutions that are then put into/onto wet wipes used to clean and maintain the interior and exterior of homes. Wet wipes containing a solution preserved with this product may not be used for personal care, as baby wipes, or for food contact.
 - *LAUNDRY ADDITIVES 0.05 - 0.15
Such as liquid laundry detergents, fabric softeners and conditioners, stain removers used in the maintenance and cleaning of fabrics in residential, commercial or industrial settings. ACTICIDE® BW20 may also be used for the control of bacteria and fungi in solutions that are then put into/onto wet wipes used in the maintenance and cleaning of items described above. Wet wipes containing a solution preserved with this product may not be used for personal care, as baby wipes, or for food contact.
 - *CAR CARE PRODUCTS 0.075 - 0.15
Including car washing products, car waxes, car polishes, silicone emulsions used in the cleaning and maintenance of the interior and exterior of cars, vans, and other vehicles. ACTICIDE® BW20 may also be used for the control of bacteria and fungi in solutions that are then put into/onto wet wipes used to clean, wax and polish vehicles. Wet wipes containing a solution preserved with this product may not be used for personal care, as baby wipes, or for food contact.
 - *SLIME CONTROL
Shock Dosing: 70 to 260 grams (2 1/2 - 9 oz) of ACTICIDE® BW20 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® BW20 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® BW20 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.
 - *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 use in Paper Coating Compositions, Pesticide Formulations, Inks, Aqueous Mineral Slurries, Leather Processing Solutions, Preservation Of Fresh Animal Hides And Skins, Home Cleaning Products, Laundry Additives, Car Care Products, Slime Control, Oil Recovery Systems in The State Of California

**ACCEPTED
with COMMENTS
EPA Letter Dated:**

DEC 29 2010

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 67071-23

Information Sheet # 230(d)3, 04/29/08
Page 2 of 2

EPA Reg. No. 67071-23
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