

Label # 023-1 V006 – 07-DEC-2016

PHYSICAL OR CHEMICAL HAZARDS: Do not store or use near oxidizing or reducing agents

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 Storage: 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 : 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.

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.

ACTICIDE® BW20

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 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, 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.

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 Chemtrec at 1-800-424-9300

EPA Reg. No. 67071-23

EPA Est. No. 67071-DEU-001

Manufactured By/For: Thor GmbH
D-67346 Speyer, Germany

U.S. Office: Thor Specialties, Inc.
50 Waterview Drive; Shelton, CT 06484 USA
Tel. (203) 516-6980

THOR

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 the skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Wear goggles or face shield, a respiratory 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 a 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.

USER SAFETY RECOMMENDATIONS

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 the product's concentrate. Do not reuse them. 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.

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, paper coating compositions, building materials, *aqueous pigments and mineral slurries, *inks, pesticide formulations, leather processing, for the preservation of fresh animal hides and skins, *slime control, *oil recovery systems, and for use in liquid household consumer, industrial, janitorial products, *solid household consumer, industrial, janitorial products. READ AND FOLLOW THE DIRECTIONS FOR USE ON THE ACCOMPANYING INFORMATION SHEET.

* Not approved for these uses in the State of California

UN 3082

, ENVIRONMENTALLY

HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,2-benzisothiazol-3(2H)-one), 9, PG-III

Batch:

Mfg Date:

Net Contents (pounds):
(gallons):

ACTICIDE® BW20

INFORMATION SHEET



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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:

OIL IN WATER EMULSIONS	0.05 – 0.25%
Spin-finish solutions for use in textile industry and photographic emulsions.	0.5 - 2.5 LB / PER 1000 LB PRODUCT
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.	0.05 – 0.25% 0.5 - 2.5 LB / PER 1000 LB PRODUCT
LATICES	0.05 – 0.25%
Polymer latices based on acrylates, PVA, butadiene and styrene for various applications. Synthetic/rubber latices.	0.5 - 2.5 LB / PER 1000 LB PRODUCT
EMULSION PAINTS	0.05 – 0.25%
As an in-container preservative.	0.5 - 2.5 LB / PER 1000 LB PRODUCT
ADHESIVES	0.05 – 0.25%
Animal glues, vegetable glues, carboxymethylcellulose and derivatives, adhesives based on gelatin and latices.	0.5 - 2.5 LB / PER 1000 LB PRODUCT
PAPER COATING COMPOSITIONS	0.05 – 0.25%
Rosin dispersions, starch and casein based products, mineral slurries, polymers	0.5 - 2.5 LB / PER 1000 LB PRODUCT
PESTICIDE FORMULATIONS	0.05 – 0.25%
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.	0.5 - 2.5 LB / PER 1000 LB PRODUCT
For use in pesticide products that are not applied to crops, ACTICIDE® BW20 should be added to concentrates at a level to ensure that the final use dilution of the product will contain 0.05 to 0.25% ACTICIDE® BW20.	
*Effective for the in-can preservation of seed coating materials which includes, but is not limited to, colorants, dyes, and seed coatings.	0.05 – 0.50% 0.5 - 5 LB / PER 1000 LB PRODUCT
*Not approved for this use in the state of California	

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*INKS <i>*Not approved for this use in the state of California</i>	0.05 – 0.25% 0.5 - 2.5 LB / PER 1000 LB PRODUCT
BUILDING MATERIALS including tape joint compounds *caulks *sealants *grouts *spackling *ready-mixed cements *wallboard compounds <i>* Not approved for these uses in the state of California</i>	0.08 – 0.25% 0.80 - 2.5 LB / PER 1000 LB PRODUCT
CONCRETE ADMIXTURES	0.15 – 0.25% 1.5 – 2.5 LB PER 1000 LB CONCRETE ADMIXTURE
MINERAL SLURRIES Including titanium dioxide, kaolin, calcium carbonate, calcium sulfate and magnesium silicate	0.04 – 0.25% 0.4 –2.5 LB / PER 1000 LB PRODUCT
*AQUEOUS PIGMENTS Including color pigments and colorants. <i>*Not approved for these uses in the state of California</i>	0.04 – 0.25% 0.4 –2.5 LB / PER 1000 LB PRODUCT
HOUSEHOLD CONSUMER, INDUSTRIAL, JANITORIAL PRODUCTS-LIQUID 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® BW20 may also be used for the control of bacteria and fungi in package utility products including pre-moistened sponges and mops. ACTICIDE® BW20 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® BW20 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® BW20.	0.05 – 0.20% 0.5 – 2.0 / PER 1000 LB PRODUCT

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*HOUSEHOLD CONSUMER, INDUSTRIAL, JANITORIAL PRODUCTS-SOLID	0.05 – 0.20%
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.	0.5 – 2.0 / PER 1000 LB PRODUCT
ACTICIDE® BW20 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 between 0.05 - 0.20% ACTICIDE® BW20.	
<i>* Not approved for this use in the state of California</i>	
LEATHER PROCESSING SOLUTIONS	0.025 – 0.20%
	0.25 - 2.0 LB / PER 1000 LB PRODUCT
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.	
*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.	
<i>* Not approved for this use in the state of California</i>	
*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	
<i>* Not approved for this use in the state of California</i>	

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GENERAL RECOMMENDATIONS:

The concentration required to give protection depends on several factors. These include susceptibility of the system to microbiological degradation, the extent to which microorganism can gain access, the species involved, pH, temperature, and length of time for which protection is required.

For protection against bacterial attack, a concentration within the range of 0.02 – 0.35% of this product is almost invariably sufficient. The control of mold growth, particularly on paste products of high solids content, may occasionally demand dosages above 0.25%.

In dilute fluid systems, spoilage is usually controlled with dosages not greater than 0.09%.