

THOR

ACTICIDE® B20

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 cleaning products, laundry additives, car care products.

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 a 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.

EPA Reg. No. 67071-22

Manufactured By:

Thor GmbH
D-67346 Speyer, Germany
Tel. (06232) 6360

EPA Est. No. 67071-DEU-1

U.S. Office:

Acti-Chem Specialties, Inc.
56 Quarry Road
Trumbull, CT 06611 USA
Tel. (203) 365-6530

NOT FOR SALE OR USE AFTER 24 MONTHS FROM DATE OF MANUFACTURING.

Net Contents: _____ Pounds

Date of Manufacture: _____

Lot #: _____

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 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.

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.

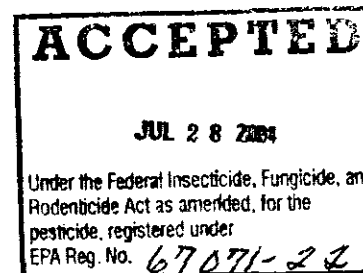
Plastic container: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incinerator or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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



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Label # 220(d1) 05/26/04

67071-22

7/28/2004

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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	
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.	
PESTICIDE FORMULATIONS	0.5 - 2.5

For product preservation. For ultimate use-dilution protection.

Acticide B20 is exempt from tolerance under 40 CFR, 180.1001 (d). 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 180.1001 (d) limit of 0.1% BIT in formulations, use levels up to 0.5% (5,000 ppm) Acticide B20 are allowed.

INKS	0.5 - 2.5
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.	
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 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.

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 B20 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 B20 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 B20 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 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.

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

