ACTICIDE® BW20

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 rinse water 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 1/2 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 1/2 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.

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.

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 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 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.

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 or Spill Emergencies: Call Chemtrec at 1-800-424-9300

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/tannin 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. READ AND FOLLOW THE DIRECTIONS FOR USE ON THE ACCOMPANYING INFORMATION SHEET.

* Not approved for use in casein/tannin 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: 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
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Tel. (203) 365-6530

Batch: _____________________________
Mfg Date: _____________________________
Net Contents (pounds): _____________________________
ACTICIDE® BW20
INFORMATION SHEET

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

DIRECTIONS FOR USE

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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:

**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.

**LATICIES** ................................................................................................................................. 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.
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*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 196-230 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