ACTICIDE® IPS 20

ACTIVE INGREDIENTS:
3-Butoxy-2-Propyl Butyl Carbamate ........................................ 20.00% OTHER INGREDIENTS ........................................................................ 50.00% TOTAL .................................................................................................. 100.00%

KEEP OUT OF REACH OF CHILDREN
DANGER - PELIGRO
See Side panel for additional precautionary statements

FIRST AID

If In Eye:
* Hold eye open and rinse slowly and gently with water for 15-20 minutes.
* Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.
* Call a poison control center or doctor for 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 do so by the poison control center or doctor.
* Do not give anything by mouth to an unconscious person.

Note to physicians: Probable myocardial damage may be induced by 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 Chemetac at 1-800-424-9300

EPA Reg. No. 67071-65 EPA Est. No. 67071-GBR-062

Manufactured By: Thor GmbH
U.S. Office: Thor Specialists, Inc.
50 Waterfront Drive
Shelton, CT 06484 USA
Tel: 203-716-6995

PHYSICAL AND CHEMICAL HAZARD
MATERIALS TO BE AVOIDED: oxidizing agents

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage or disposal.

STORAGE: Do not store or transport in unlined metal containers. Store in original container in a cool place. Protect from excessive heat.

PESTICIDE DISPOSAL: Pesticide wastes are actually hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal Law. If waste 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 3/4 full with water and recirc. 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 3/4 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 purdure 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.

UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (3-butoxy-2-propylbutylcarbamate), 9, PG-II
ACTICIDE® IPS 20
INFORMATION SHEET

THIS ACTICIDE® IPS 20 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE® IPS 20

DIRECTIONS FOR USE

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

<table>
<thead>
<tr>
<th>Adhesives</th>
<th>0.05 – 1.25% of ACTICIDE® IPS 20 (0.05 lb to 1.25 lbs per 100 lbs formula)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTICIDE® IPS 20 may be used in non-medical, non-food use natural and synthetic adhesive formulations for protection of these solutions against attack by fungal organisms in both the wet state and in the dry film of the finished product. Add this product at the end of the production cycle with good agitation.</td>
<td></td>
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</tbody>
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<thead>
<tr>
<th>Inks</th>
<th>0.05 – 1.5% of ACTICIDE® IPS 20 (0.05 lb to 1.5 lbs per 100 lbs formula)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTICIDE® IPS 20 may be used in aqueous-based ink solutions for protection of these solutions against attack by fungal organisms. Add this product at the end of the production cycle with good agitation.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Paints and Coatings (including stains)</th>
<th>Interior: 0.2 – 1.0% of ACTICIDE® IPS 20 (0.2 lb to 1.0 lbs per 100 lbs formula)</th>
<th>Exterior: 0.5 – 2.5% of ACTICIDE® IPS 20 (0.5 lb to 2.5 lbs per 100 lbs formula)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTICIDE® IPS 20 may be used in solvent and aqueous paints and coatings for protection against attack by fungal organisms in both the wet state and in the dry film of the finished product. Add this product at the end of the production cycle with good agitation.</td>
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<thead>
<tr>
<th>Plastics and Plastic Coatings</th>
<th>0.5 – 5.0% of ACTICIDE® IPS 20 (0.5 lb to 5.0 lbs per 100 lbs formula)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTICIDE® IPS 20 may be used to prevent surface mildew growth on non-medical, non-food use plastic items (such as shower curtains, cable and wire, etc.). Intended plastics include PVC, polyurethanes, elastomers and rubbers, neoprene, styrene compounds and polyolefins. To ensure uniform distribution, disperse in the plasticizer or color concentrate before it is incorporated into the resin. Do not use if the heat of processing is above 350°F for prolonged periods.</td>
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<thead>
<tr>
<th>Paper Coatings</th>
<th>0.1 – 1.5% of ACTICIDE® IPS 20 (0.1 lb to 1.5 lbs per 100 lbs formula)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTICIDE® IPS 20 may be used in solvent and aqueous paints and coatings which are applied to non-food contact paper and cardboard substrates to prevent surface mold and mildew growth. For protection against attack by fungal organisms in both the wet state and in the dry film of the finished product. Add this product at the end of the production cycle with good agitation.</td>
<td></td>
</tr>
</tbody>
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<thead>
<tr>
<th>Building Materials</th>
<th>0.1 – 2.5% of ACTICIDE® IPS 20 (0.1 lb to 2.5 lbs per 100 lbs formula)</th>
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</thead>
<tbody>
<tr>
<td>ACTICIDE® IPS 20 may be used to treat non-food contact building materials including: cellulose materials, wallboard/drywall/sheetrock/gypsum board, concrete, masonry, wood composite materials, grouts, caulks.</td>
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</tbody>
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<tr>
<th>Household Consumer, Industrial, Janitorial Products</th>
<th>0.02 – 0.15% of ACTICIDE® IPS 20 (0.02 lb to 0.15 lbs per 100 lbs formula)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTICIDE® IPS 20 may be used to control the growth of fungi in non-food contact household consumer, industrial, janitorial products. End-use applications include cleaning wipes, laundry products, cleaners, floor care products, car care products. For the preservation of liquids, gels, waxes, pre-moistened wipes or solutions delivered by mops or sponges.</td>
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<th>Textiles</th>
<th>0.1 – 2.5% of ACTICIDE® IPS 20 (0.1 lb to 2.5 lbs per 100 lbs formula)</th>
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<tr>
<td>ACTICIDE® IPS 20 is used as a mildewcide in both aqueous and solvent-based process formulations, including coatings and dyes which are used in textile processing. End-use applications of these materials include: fibers and backings, canvas and cordage, drapes and shower curtains. Not to be used in fabrics intended for human wear of direct skin contact. This product is to be solubilized or stirred in the dye bath or polymer coating pan to minimize mechanical losses and ensure a uniform distribution of the product.</td>
<td></td>
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Aqueous Metalworking, Cutting, Cooling and Lubricating Fluids:
To inhibit the growth of fungi in aqueous metalworking, cutting, cooling and lubricating fluids, add up to 2,000 ppm of this product to the diluted fluid (0.2 gallons per 100 gallons of fluid). Add this product to the fluid at preparation or to the reservoir (sump) containing the fluid. If added to the reservoir, circulate the fluid to ensure mixing.

Concentrates:
To inhibit the growth of fungi in aqueous metalworking, cutting, cooling and lubricating concentrates, add an amount that will give up to 2,000 ppm in the diluted fluid. The amount required in the concentrate will depend on the end use dilution.

Wood Preservation
ACTICIDE® IPS 20 is a liquid designed for use as a wood preservative for use in above ground applications. All recommendations of use levels are in percentage by weight, and refer to this product. Dosage ranges are given for the various applications to indicate the approximate levels for a particular application. Exact level of use must be determined by field trials.

ACTICIDE® IPS 20 may be applied from solvent solutions or aqueous dispersions to new lumber, plywood, particle board, millwork, etc., to prevent the growth of mildew, sapstain and wood rot on these substrates. This product is recommended for use on wood in above ground use only.

Treating solutions may be prepared by diluting this product in alcohols or aromatic solvents or by dispersion in water. Levels of 0.2 – 2.4% of this product are suggested depending upon the severity of conditions for end use, and the extent of time that protection is required.

For freshly sawn lumber, a concentration of 0.4% of this product is suggested as a starting level. A one minute dip at ambient temperatures in a solution or aqueous dispersion containing 0.4% of this product must be adequate to control the development of mildew and sapstain organisms on the lumber. Because of the great variation in susceptibility of fresh sawn lumber relating to the type of wood, sawing and storage techniques, conditions of humidity, method of treatment, etc., it is usually necessary to carry out field tests to determine the most appropriate means of application and the optimum concentration of this product to be used within the range specified.

For best results, lumber must be treated within twenty-four hours after it is sawed. The lumber must be completely immersed in the treating bath, and the treating vat designed to permit easy immersion and removal, and to minimize spillage. The vat may be cleaned by emptying and rinsing with a suitable solvent or by use of a detergent solution. To add additional product while treating, first prepare the proper solution or emulsion in a separate container (of wood, plastic, or stainless steel construction) and add to the treating vessel.

After treatment, lumber must be stacked in a properly maintained seasoning yard with good drainage so that no water will accumulate, in any area. The yard must be kept free from weeds and vegetation, which may hold moisture and promote growth of decay and stain producing fungi. All debris and lumber scraps must be removed from the area. A properly laid out yard must take advantage of prevailing winds to permit good air circulation. Main alleys must be at least 16 feet wide. Stack foundations must be sufficiently elevated to permit ready access of air to the pile, and allow water to drain off quickly.

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EPA Reg. No. 67071-65
Manufactured By/For: Thor GmbH
D-67346 Speyer, Germany
Tel. (06232) 6360

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