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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

[illegible] absorbed through the skin [illegible] Do not get on skin, in eyes or on [illegible] soap and water after handling. Remove [illegible] before reuse.

ENVIRONMENTAL HAZARD

[illegible] is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, ponds, streams, estuaries, oceans or public waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has [illegible] to discharge. Do not discharge effluent containing this product to [illegible] without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

STORAGE & DISPOSAL

Pesticide Disposal: [illegible] closed when not in use. Do not reuse container. [illegible] food (contaminated) [illegible] by storage or disposal. Pesticide [illegible] pesticide, spray mixture 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: Triple rinse container. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

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

NOTICE: This formulation is not cleared by Federal Food, Drug and Cosmetic Act for use in manufactured food grade adhesive, paper and paper board products and paper coating.

ADHESIVES: IPEX-200 can be used as an additive to non-medical non-food use natural and synthetic adhesive formulations and caulks to prevent the growth of fungal organisms in the material both in the wet state and in the film of the finished product. Recommended use levels are between 0.1 - 1.25% wet formulation weight. This product should be added toward the end of the production cycle with good agitation to ensure a uniform distribution is achieved. For example, to inhibit the growth of mildew on a latex-based wall cover adhesive intended for a non-food area, add 1.0% (10 lbs. IPEX-200 per 1000 lbs. of latex based adhesive formulation) of this product to the latex-based formulation.

AQUEOUS METALWORKING, CUTTING, COOLING & LUBRICATING CONCENTRATES: To inhibit the growth of fungi in aqueous metalworking, cutting, cooling & lubricating concentrates, add an amount that will give up to 5000 ppm in the diluted fluid. The amount required in the concentrate will depend on the end use dilution. For example, if the desired level of this product in the diluted fluid is 500 ppm, and the end use dilution of the fluid is 5%, then a 1.0% concentration of this product is required in the concentrate (500 ppm/0.05 = 10,000 ppm or 1.0%).

AQUEOUS METALWORKING, CUTTING, COOLING & LUBRICATING FLUIDS: To inhibit the growth of fungi in aqueous metalworking, cutting, cooling & lubricating fluids, add up to 5000 parts per million (0.5% v/v) of this product to the diluted fluid (0.5 gallons per 100 gallons of solution or 5.0 liters per 1000 liters). This product may be added to the fluid at the time it is prepared (diluted) or to the reservoir (sump) containing the fluid after it is put into use. If it is added to the reservoir the fluid should be circulated after addition to ensure mixing.

CANVAS & CORDAGE: IPEX-200 can be used as a mildewcide in both aqueous and solvent based process formulations which coat canvas and cordage. Typical use levels of this product will range from 0.1 - 5% of the process formulations used in the process of these canvases and cordages. This product should be added at the end of the production cycle to the process formulation with good agitation to prevent possible mechanical losses and to ensure a uniform distribution. For example, to inhibit the growth of mildew on cotton canvas intended for a non food area add 2.5% (25 lbs IPEX-200 per 1000 lbs of process formulation) of this product to the process formulation.

INKS: IPEX-200 may be used in aqueous based ink solutions for protection of these solutions against attack of fungal organisms. It is recommended that this product be added at the end of the product cycle with good agitation. This product will generally impart protection when used at levels of 0.05 - 3% based on the formula weight.

PAINTS & STAINS: To inhibit the growth of mildew on paints & stains, this product, used in solvent and waterborne paints and stains, will inhibit the growth of mildew. Addition should be at the end of the manufacturing process and allowed to mix long enough to be adequately dispersed and should not be added to hot paint. Typical levels for protection against mildew on painted or stained surfaces are 0.5-2.4% by weight on wet paint. For example, a house paint with a wet density of 10 lbs/gallon would use 5.0 - 24.0 lbs. of this product per 100 gallons of wet paint. Where the climate is severe and mildew growth is a major problem for painted surfaces, more would be required, as much as 4.0% by weight on wet paint. For interior paint use, approximately half the exterior concentrations should be used, 0.2% to 1.2% by weight on wet paint. Appropriate levels are best determined by field trials.

PLASTIC AND PLASTIC COATINGS: IPEX-200 may be used to prevent surface mildew growth on plastic items such as shower curtains, cable and wire insulation, and sun umbrellas. Intended plastics include polymers such as PVC. Use levels of 1.5 - 5.0% by weight of the plastic are generally adequate. This product should be dispersed in the plasticizer before it is incorporated into the resin to ensure a uniform distribution. Use of this product is not recommended if the heat of processing is above 350° F for prolonged periods, nor should it be used in a plastic that will be in contact with food or medical device applications.

KEEP OUT OF REACH OF CHILDREN

WARNING!

Statement of Practical Treatment

(FIRST AID)

If Swallowed: Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, eggwhite, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

If in Eyes: Flush with plenty of water. Call a physician if irritation persists.

If on Skin: Wash with plenty of soap and water. Get medical attention.

If Inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

MANUFACTURED

Net Wt.

IPEX™-200

INDUSTRIAL FUNGICIDE

Active Ingredient:	
3-Iodo-2-propynyl butylcarbamate	20%
Inert Ingredients	80%
Total	100%

EPA Registration No. 72439-1
EPA Est. No. 45359-NC-1

BY: MARVAC, LLC • 1523 N. POST OAK ROAD • HOUSTON, TEXAS 77055

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PAPER COATINGS: IPEX-200 may be used as a mildewcide in both aqueous and solvent based coatings which are applied to paper and cardboard substrates. This product can be used to prevent mold and mildew from growing on products such as: corrugated cardboard or soap wrappers, wall covers, non-food contact packaging materials, and non-food contact paper tapes. Use levels of this product range from 0.1 - 3.75% of this product by weight. This product should be added at the end of the production cycle with good agitation to prevent possible mechanical losses and ensure a uniform distribution. For example, to inhibit the growth of mildew on corrugated cardboard intended for a non-food packaging, add 2.5% (25 lbs. IPEX-200 per 1000 lbs. of coating material) of this product to the coating material formulation.

TEXTILES: This product may be used as a mildewcide applied in both aqueous and solvent based coatings or dyes which are typical to the textile material processing. Typical end use applications of these materials can be: carpet fibers and backings, canvas and cordage, drapes, shower curtains, etc. **Not to be used in fabrics for human wear or direct skin contact.** Product should be solubilized or stirred in the dye bath or polymer coating pan to minimize mechanical losses and ensure a uniform distribution of the product. Use levels in the range of 0.1 - 5% by weight of the total processing formulation are typically adequate to prevent fungal growth. For example, to inhibit the growth of mildew on cotton canvas intended for a non-food area, add 2.5% (25 - lbs. IPEX-200 per 1000 lbs. of dye bath) of this product to the dye bath formulation.

WOOD PRESERVATION: IPEX-200 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 levels of use should be determined by field trials. This product 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 0.5% - 6.0% 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 1.0% of this product is suggested as a starting level. A one minute dip at ambient temperatures in a solution or aqueous dispersion containing 1.0% of this product should 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. For best results, lumber should be treated within twenty-four hours after it is sawed. The lumber should be completely immersed in the treating bath, and the *treating vat designed to permit easy immersion and removal 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 should be stacked in a properly maintained seasoning yard with good drainage so that no water will accumulate in any area. The yard should 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 should be removed from the area. A properly laid out yard should take advantage of prevailing winds to permit good air circulation. Main alleys should be at least 16 feet wide. Stack foundations should be sufficiently elevated to permit ready access of air to the pile, and allow water to drain off quickly. This product is also recommended for use on millwork, including door and window frames, exterior siding, composite board, plywood and other construction lumber when it is important to prevent the *growth of mildew, sapstain and wood rot organisms on these materials. Wood* treated with this product does not change in appearance and may be painted when dry. For applications of this type, this product may be applied by dipping, brushing or spraying. Levels of 0.50% may be used for mildew control. To control rot and decay, do not use less than 1.0% as a concentration. Use this product in solution in a suitable solvent. Concentrations up to 4.0% are recommended *depending upon the condition of the wood, the nature of the intended exposure* and the length of protection desired. When brushing, a single coat will usually suffice if the solution is applied liberally. This also pertains to spraying. Use of this product is not recommended for wood surfaces which may come in contact with food. Surfaces which may be in continuous contact with skin should be coated with a varnish, or lacquer after treatment with this product. This product may also be used as an additive to stains to be applied to such materials as exterior siding, decks, lawn furniture etc., in order to prevent the growth of fungal organisms. It is recommended that levels between 1.0% - 4.0% of this product by weight of the final formulation be added to these materials.

LIMIT OF WARRANTY AND LIABILITY

Marvac, L.L.C. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use ("Directions") when used in accordance with those Directions under the conditions described therein. NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein. Buyer and all users shall promptly notify this Company of any claims whether based in contract negligence, strict liability, other tort or otherwise. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY, OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES. Buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement.

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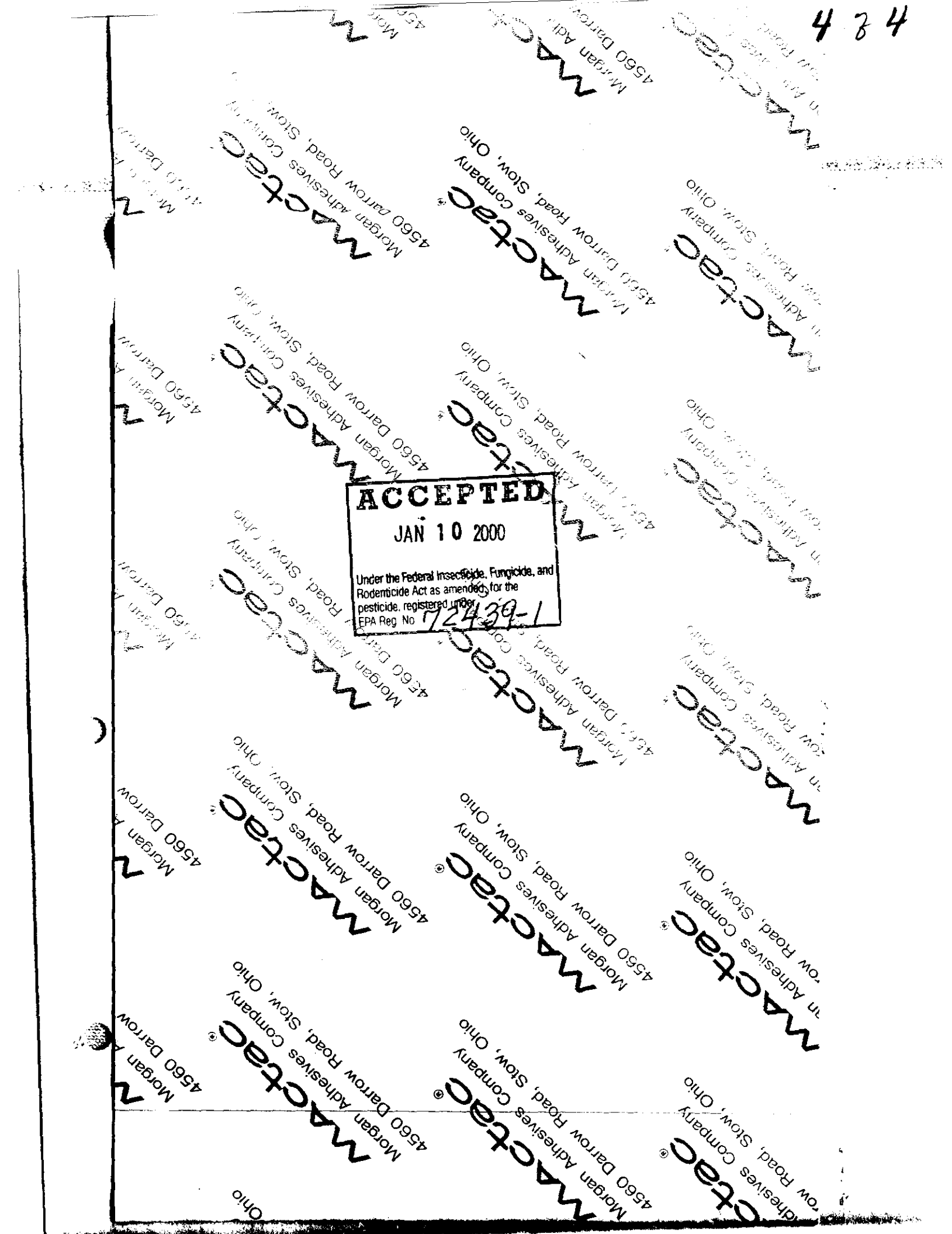
ACCEPTED
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Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg No 72439-1
MACTAC
4560 Darrow Road, Stow, Ohio