OMACIDE® IPBC 20
Industrial Fungicide

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

KEEP OUT OF REACH OF CHILDREN
DANGER

SEE SIDE LABEL FOR FIRST AID AND PRECAUTIONS

Net Wt. 25 Lbs.
EPA Reg. No. 1258-1222
EPA Est. No. 1258-NY-3

ARCH CHEMICALS, INC.
501 MERRITT SEVEN
NORWALK, CT. 06856

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

Pesticide Storage: Keep container tightly closed when not in use. Do not reuse container. Do not store with strong oxidizing agents or strong concentrate acids.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinseate 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.

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, by pouring from the container, 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.

TO INHIBIT THE GROWTH OF FUNGI IN AQUEOUS METALWORKING, CUTTING, COOLING & LUBRICATING CONCENTRATES:
add an amount, by pouring from the container, 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%).

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, by pouring from the container, 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.
ADHESIVES:
This product 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 dry film of the finished product. Recommended use levels are between 0.1 - 1.25% wet formulation weight. This product should be added, by pouring from the container, 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. of this product / 1000 lbs. of latex based adhesive formulation) of this product to the latex based formulation.

WOOD PRESERVATION:
This product 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, 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 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.

PLASTIC AND PLASTIC COATINGS: This product may be used in 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 poured from the container and 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, as it should be used in a plastic that will be in contact with food or medical device applications.

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 cording, drapes, shower curtains, etc. Not to be used in fabrics for human wear or direct skin contact. Product should be poured from the container and 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.

Example
For example to inhibit the growth of mildew on cotton canvas intended for a non-food area add 2.5% (25 lbs. OMACIDE IPBC 20 /1000 lbs. of dye bath) of this product to the dye bath formulation.

PAPER COATINGS: This product 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, and 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, by pouring from the container, with good agitation to prevent possible mechanical losses and ensure a uniform distribution.

Example
For example to inhibit the growth of mildew on corrugated cardboard intended for a non-food packaging add 2.5% (25 lbs. OMACIDE IPBC 20 /1000 lbs. of coating material) of this product to the coating material formulation.

CANVAS & CORDAGE:
This product can be used as a mildewcide in both aqueous and solvent based process formulations which coat canvas and cording. 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, by pouring from the container, with good agitation to prevent possible mechanical losses and to ensure a uniform distribution.

Example
For example to inhibit the growth of mildew on cotton canvas intended for a non-food area add 2.5% (25 lbs. OMACIDE IPBC 20 /1000 lbs. of process formulation) of this product to the process formulation.

INKS: This product 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, by pouring from the container, at the end of the product cycle with good agitation. This product will generally impart protection when used at levels of .05 - 3% based on the formula weight.