

SBP-1382®/BIOALLETHRIN INSECTICIDE CONCENTRATE 10%-6.25%

FORMULA I

FOR FORMULATION OF INSECTICIDES ONLY
(NOT FOR RESALE UNDER THIS LABEL)

8.28 lb/gal (992 g/L)

432-512

ACTIVE INGREDIENTS:

*† Resmethrin[5-(phenylmethyl)-3-furanyl]methyl 2,2-dimethyl-
3-(2-methyl-1-propenyl)cyclopropanecarboxylate..... 10.00%w/w
d-trans Allethrin (allyl homolog of Cinerin I) 6.25%
INERT INGREDIENTS:..... 83.75%

100.00%w/w

*Cis/trans isomers ratio: max. 30%(c) and min. 70%(t)trans.

†U.S. Patent Nos. 3,485,007 and 3,542,928.

•Penick-Bio UCLAF'S SBP-1382® brand of resmethrin insecticide.

Penick-Bio UCLAF Corp., 400 Sylvan Avenue, Englewood Cliffs, N.J. 07632

PRECAUCION AL CONSUMIDOR: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

CAUTION

SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS AND
STATEMENT OF PRACTICAL TREATMENT

INSTRUCTIONS FOR FORMULATION

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This product is intended only for formulation of aqueous pressurized spray insecticides. Formulators using this product are responsible for obtaining EPA registration for their formulated products. Refer to Technical Bulletin 512 for instructions for formulation and other information.

EPA Est.: See Lot No. For Correlation

EPA Reg. No. 432-512

G 42545-MO-1

P-8/4/87

H 5905-AR-1

P 655-GA-1

NET WEIGHT:
pounds(Kg)
LOT NOT.:

**PENICK-BIO UCLAF
CORPORATION**

P.O. Box 1077 400 Sylvan Avenue, Englewood Cliffs, NJ 07632



PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Avoid breathing vapor. May cause eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center. Do not induce vomiting. This product contains aromatic petroleum solvent. Aspiration may be a hazard.

If in eyes: Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

If on skin: Wash with soap and water. Get medical attention if irritation persists. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and birds. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL & CHEMICAL HAZARDS

Do not use or store near heat or open flame. Flashpoint minimum 100°F (38°C).

STORAGE & DISPOSAL

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

STORAGE: Do not store at temperatures below 40°F (4.5°C). If this material has been exposed to temperatures below 40°F (4.5°C), there may be precipitation. Check for crystallization. If evident, warm to 80°F (26.5°C) and thoroughly mix before using. **DO NOT USE OPEN FLAME.**

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess 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: For Containers One Gallon and Under: Do not reuse empty container. Wrap container and put in trash.

For Containers Over One Gallon: 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.

WARRANTY STATEMENT

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibilities, including injury or damage, resulting from its misuse as such, or in combination with other materials.

TROYSAN POLYPHASE P-20S

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

CAUTION

Avoid contact with skin, eyes, or clothing. In case of contact immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

STATEMENT OF PRACTICAL TREATMENT

If in eyes: Flush with plenty of water. Get medical treatment.

If swallowed: Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink a large quantity of water. Avoid alcohol. Get medical attention.

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

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water or wetlands. Do not contaminate water when disposing of equipment washwater.

A FUNGICIDE FOR USE IN AQUEOUS AND SOLVENT SYSTEMS SUCH AS OLEO-RESINOUS AND LATEX PAINTS, WOOD PRODUCTS, CUTTING OILS, TEXTILES, PAPER COATINGS, INKS, PLASTICS, ADHESIVES, AND CANVAS AND CORDAGE

E.P.A. REG. NO. 5383-83
E.P.A. EST. NO. 5383-NJ-1
INDUSTRIAL FUNGICIDE

ACTIVE INGREDIENTS:

3-Iodo-2-Propynyl Butyl Carbamate.....	20%
Inert Ingredients.....	80%
Total	100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

SOLD FOR INDUSTRIAL USE ONLY

See Side Panel for Precautionary and First Aid Statements

TROY CHEMICAL CORPORATION

ONE AVENUE L NEWARK, NEW JERSEY 07105

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

STORAGE: Do not store below 60 degrees F. Optimum storage temperatures at 85 degrees F.

PESTICIDE DISPOSAL:

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

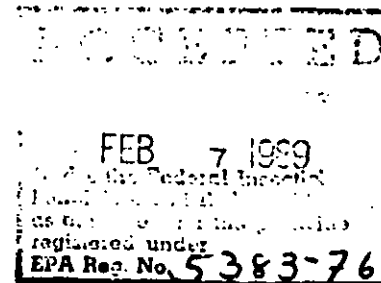
Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill, or other approved State and local procedures.

APPLICATION:

Troysan Polyphase is sold for industrial use only. It should be used only in the areas listed in accordance with the instructions provided in the Technical Bulletin.



tive against a wide variety of fungal organisms. It may be used to protect both interior or exterior coatings from the growth of fungal organisms on the film surface. It may also be used as a fungicide in cutting oils, textiles, paper coatings, inks, plastics, adhesives, and canvas and cordage. It is also recommended as a wood preservative.

USES:

The following are recommended use levels for TROYSAN[®] POLYPHASE™ P-20S. All recommendations are in percentage by weight, and refer to the product TROYSAN[®] POLYPHASE™ P-20S. Typical use levels are given for the various applications to indicate the approximate levels for a particular application. In order to determine the most cost effective use level for Polyphase™ in a given end use, field trials are suggested.

PAINTS AND STAINS:

TROYSAN[®] POLYPHASE™ P-20S will generally impart protection when used at levels of between 8 to 24 pounds per one hundred gallons based on the total formula weight. More may be required in hot, humid areas where mildew is a particularly severe problem, up to a maximum of twenty pounds per one hundred gallons.

For interior paints, because of the reduced fungal hazard, levels of 2 to 8 pounds per one hundred gallons will usually be adequate.

For wood protective stains which are used in both interior and exterior applications, levels of 16 to 24

pounds per hundred gallons is sufficient. If protection against blue stain and mold are required, then a level of 16 to 20 pounds per hundred gallons is sufficient.

TROYSAN[®] POLYPHASE™ P-20S should be added with good agitation at the end of the manufacturing cycle.

PLASTICS:

TROYSAN[®] POLYPHASE™ P-20S may be used in polyvinyl chloride plastics to prevent surface mildew growth on items such as shower curtains, tarpaulins, umbrellas, etc. Levels of 1 - 5% by weight of the plastic are generally adequate. It is recommended that Polyphase™ be dispersed in the plasticizer before it is incorporated into the resin. (Use of Polyphase™ is not recommended if processing entails treatment above 350°F for prolonged periods of time, nor should it be used in a polyvinyl chloride plastic that will be in contact with food.)

CUTTING OILS:

TROYSAN[®] POLYPHASE™ P-20S may be used in metal-working fluids to prevent fungal growth at concentrations of .1 - 1%. It should be added to the cutting fluid concentrate in amounts sufficient to yield the desired concentration in the diluted composition.

It is recommended that biocide levels be checked periodically as many cutting oils are unstable upon standing.

WOOD:

TROYSAN® POLYPHASE™ P-20S may be applied in solvent solutions or aqueous dispersions to new lumber, plywood, particle board, millwork, etc., to prevent the growth of mildew, sapstain, and wood destroying fungi.

Treating solutions may be prepared by diluting **Polyphase™** in organic solvents or by creating a water emulsion. Levels of .5 - 6% **Polyphase™** P-20S are suggested depending on the type of protection required, severity of conditions for the end use, and the duration of time protection is required. All products should be field tested in order to insure that the most cost effective level of **Polyphase™** is being used.

SAPSTAIN CONTROL

For the prevention of the growth of blue stain and mold fungi on freshly sawn lumber, a concentration of 1% active ingredient is suggested as a starting level. Formulations will usually be based on aqueous dispersions and emulsions. Lumber should be dipped for a duration of one to three minutes in order to achieve the maximum penetration into wood. For best results lumber should be treated within 24 hours after it is sawed.

MILLWORK

TROYSAN® POLYPHASE™ P-20S 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, blue stain, and wood destroying fungi.

Wood treated with **Polyphase™** does not change in appearance and may be painted when dry

For applications of this type, **Polyphase™ P-20S** may be applied from either organic solvent or water based formulations. These formulations may be applied by either dipping, spraying, or brushing. Suggested use level of **Polyphase™ P-20S** is 16-24 pounds per hundred gallons based on formula weight, depending on the type of protection desired. For protection against wood destroying fungi, a level of 24 pounds per hundred gallons is sufficient. For protection against blue stain and

mold fungi, a level of 16-20 pounds per hundred gallons is sufficient. **Polyphase™** is not recommended for wood surfaces which come into direct contact with food.

TEXTILES:

TROYSAN® POLYPHASE™ P-20S may be used as a mildewcide in both aqueous and solvent based coatings or dyes which are applied to the textile material. Typical end use of these materials are in such areas as carpets, canvas and cordage, drapes, shower curtains, etc. **Polyphase™** should not be used in fabrics for human wear. **Polyphase™** should be added at the end of the production cycle of the coating or dye.

Polyphase™ will normally impart protection to the substrate when added at levels of .2 - 2% based on the total formula weight.

PAPER COATINGS:

TROYSAN® POLYPHASE™ P-20S may be used as a mildewcide in both aqueous and solvent based coatings which are applied to paper. Examples of such paper coatings are: corrugated cardboard and soap wrappers. **Polyphase™** should be added at the end of the manufacturing cycle of these coatings with good agitation.

Polyphase™ will generally impart protection to the substrate when added at a level of .1 - .6% based on the total weight of the formulation.

CANVAS AND CORDAGE:

TROYSAN® POLYPHASE™ P-20S may be used as a mildewcide in both aqueous and solvent based formulations which coat canvas and cordage substrates. **Polyphase™** should be added at the end of the production cycle of the coating with good agitation.

Polyphase™ will generally impart protection to the substrate when added at levels of 0.1 - 4% based on the formula weight.