PROPOSED LABELING

(FRONT PANEL)

CCEPTED

NET CONTENTS 100 POUNDS/45.4 KILOGRAMS (SDS LOGO)

JUL 3 1 1984 der the Federal Insecticide

ricide, and Rodenticide Act.

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Rey. No. 2034-14

TUFFCIDETM 960

FUNGICIDE FOR MANUFACTURING USE TO CONTROL MILDEW ON PAINT FILM	
Active Ingredient: Chlorothalonil (tetrachlororsophthalonitrile*) 96.08	
Inert Ingredients:	
TOTAL:	
*Severe and the 1.5. Note that No. 3,290, 11 to 1,711	
Keep Out of Reach of Children DANGER Ser side panel for additional precautionary statement	
SDS Biotech Corporation Adminultural Champhair Burlhern Painerville, Onle 44077	
EPA Now. No. 50 (4-114) FPA F. T. No. 35982-WX-1	

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(LEFT PANEL)

TUPFCIDETM 960

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Danger

Corrosive, Causes Severe Eye Damage

Do not get in eyes. Wear goggles or full face shield when handling this product.

First Aid: In case of contact with eyes, immediately flush with plenty of water for at least 15 minutes. Seek medical attention for eyes immediately. Call physician.

Avoid contact with skin or clothing. Wash exposed areas of skin with soap and warm water after handling or using.

Do not take internaliv.

Avoid frestning dirt.

Note: TUFPCIDE 960 ray produce temporary allergie side effects multisater. For the confidence of the eyes, mile translial irritation, and respect to take a expect soin area. Ten be having allergie reaction should contact a physician. Aftertel persons respond to treatment with antihistamines of steroid creams and/or systemic steroids.

Environmental Hazards

This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of waste.

Directions For Use

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

Refer to Product Bulletin PAD-6 for use directions.

(RIGHT PANEL)

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

Storage: Store in a dry place.

Pesticide Disposal: Pesticide wastes are acutely hazardous. 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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfull, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY AND LIMITATION OF DAMAGES

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in apportance with directions under normal mond tions of use and Buyer assumed the risk of any use confrary to such directions. Seller makes no other express or implied warranty, including any other express or implied warranty of Fitness or of Merchantability, and no agent of Seller is authorized to do so except in writing with a specific reference to this warranty. In no event shall Scher's highlity for any breach of warranty exceed the purchase price of the material as to which a claim is made.

Made in U.S.A.



Funcicide for Manufacturing Use to Control Mildew on Paint Film

Product Bulletin

BEST DOCUMENT AVAILABLE

B-CA9

TUPFCIDE 960 is a broad-spectrum microbicide for control of fungi. Its high degree of activity provides excellent performance characteristics for use as a mildewcide in:

- latex exterior and interior emulsion paints. For exterior paints, use 5-10 pounds per 100 gallons. For interior paints, use 2.5-5 pounds per 100 gallons.
- solvent-based paints at levels of 5-12 pounds per 100 gallons.

TUPPCIDE 960 has several desirable properties which are important in manufacturing fungus-resistant paint:

- extremely low water solubility.
- low vapor pressure.
- fine particle size.
- excellent pH stability.

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RECOMMENDATIONS FOR USING TUPPCIDE 960

Latex Emulsion Paints

TUPPCIDE 960, a micromilled powder, is best dispersed during the pigment grinding operation. Grinding equipment normally used in the paint industry is entirely satisfactory.

Generally, 5-10 pounds of **TUPPCIDE 960** per 100 gallons of exterior paint are sufficient for effective mildew control in the paint film. In extreme mildew areas, such as the Gulf Coast, levels of up to 10 pounds are recommended. Levels of 2.5-5 pounds have been found effective in interior latex paint.

TUPPCIDE 960 is compatible with zinc oxide in latex paints.

TUPPCIDE 960 can be used with either unmodified or alkvG modlfied adrylic, vinyl adrylic or polyvinyl adetate latexes.

If an in-can preservative is used in combination with TJFFCIDE 960, its compatibility with TUFFCIDE 960 should be examined first. Our studies indicate certain in-can preservatives appear to react with TUFFCIDE 960 to produce a yellowing in the can.

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Solvent-Based Exterior Paints

TUPFCIDE 960 can be used to aid in protecting solvent-based exterior paint films from mold growth at treatment levels of 5-12 pounds per 100 gallons. Again, dispersion is readily accomplished during the pigment grinding operation. As in the case of latex paints, zinc oxide can be used with TUFFCIDE 960.

USE PRECAUTIONS

The following precautions should be observed in handling and using TUPPCIDE 960:

Do not get in eyes. TUFPCIDE 960 is corrosive and capable of causing severe eye damage. Do not take internally. Avoid breathing dust. Avoid contact with skin or clothing.

TUPPCIDE 960 may produce temporary allergic side effects characterized by redness of the eyes, mild bronchial irritation and redness or rash on exposed skin areas. Persons having allergic reaction should contact a physician. Affected persons respond to treatment with anti-histamines or steroid creams and/or systemic steroids.

TUPPCIDE 960 is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of waste.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open duming in production.

Storage: Trope in a my plane.

Pesticide Disposal: Perticide waster are acutely harardour. Improper disposal of excess perticide, 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 Hazardour Waste representative at the nearest EPA Regional Office for quidance.

Container Disposal: Triple rinse (or equivalent). 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 Lurnini. If Lurned, stay out of smoke.

PERSONAL PROTECTIVE EQUIPMENT

Wear angules of fill fare chiefd when handling TUPPCIDE 960 to protect eyen.

the protective harrier cream on exposed skin areas.

Wear gloves and protective clothing when handling or using TUFFCIDE 960 to minimize skin contact.

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Do not inhale dust -- wear a respirator if necessary.

Launder outer garments if exposed to dust or spills. Discard footwear which cannot be decontaminated.

FIRST AID PROCEDURES

Contact with eyes: Flush eyes with plenty of water immediately for at least 15 minutes. Seek medical attention immediately. Call a physician

Contact with skin: Wash exposed areas of skin with soap and warm water after handling or using TUPPCIDE 960. Contaminated clothing including footwear should be thoroughly cleaned before reuse.

Inhalation: Remove to fresh air.

Ingestion: Do not induce vomiting. If vomiting occurs spontaneously, keep airway clear. Never give anything by mouth to an unconscious person. Get medical attention.

Allergic reactions: Contact a physician immediately for treatment with antihistamines of steroids.

CONTAINER

TUPPCIDE 960 is shipped in 100-pound not weight polyethylene-lined fabor hams.

Product Bulletin

	Typical Properties
	Chemical Tetrachloroisophthalonitrile*
	Active content, %
	Structural Formula Ci CN Ci CN
	Empirical Formula
	Molecular Weight
	Melting Range, C
	Boiling Point, *C
	Vapor Pressure
	Temperature, C. Pressure mm Hg
)	40 001 170 4 9 2 190 8 17 4 211 5 27 3 229 5 43 3
	Hydrofysis Rate Does not hydrofyze in either moderate alkaline (pH 9) or acidic aqueous media
	Physical State
	Color
	Odor
	Stability Thermally stable under normal temperature of storage Chemically stable in mild to moderate alkaline or acidic aqueous media. Stable to ultraviolet radiation
	Corrosivity Noncorrosive to metals
	Bulking Factor, gal*lb
	Specific Gravity (H ₂ O 1) 18
	tu 5 - Patents 3 290 353 and 3 351 735 EPA Reg. No 505 34 - 117

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