

Material Safety Data Sheet



Transportation and Medical Emergency Phone: 1-800-535-5053 (INFOTRAC)

General Phone: 317-580-8282

EPA Reg. No.: 67690-40

Revision Date: 01/19/2009

ProMITE* 50WP Miticide

SePRO Corporation Carmel, IN 46032-4565

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: ProMITE 50WP Miticide

COMPANY IDENTIFICATION:

SePRO Corporation

11550 North Meridian Street, Suite 600

Carmel, IN 46032-4565

www.sepro.com

Information Phone: 317-580-8282 (Monday - Friday, 8:00 am to 5:00 pm EST)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

• DANGER!

- May be fatal if inhaled
- Corrosive
- Causes irreversible eye damage
- Irritating to skin
- Harmful if absorbed through skin
- Harmful if swallowed

Appearance: Off-white

Physical State: Powder

Odor: No characteristic odor

EMERGENCY PHONE NUMBER:

1-800-535-5053

POTENTIAL HEALTH EFFECTS

Eyes: Corrosive to the eyes with corneal or conjunctival ulceration.

Skin: Prolonged or repeated contact may cause irritation, redness and rash.

Inhalation: May cause irritation of the upper respiratory passages. Irritation to the respiratory system may be manifested by cough, discomfort, difficulty breathing, or shortness of breath.

Ingestion: Harmful if swallowed. Ingestion can result in nausea, headache, or weakness. Ingestion of large amounts may lead to abnormal kidney function.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight %
Bis(tris(2-methyl-2-phenylpropyl)tin)oxide	13356-08-6	50%

4. FIRST AID MEASURES

EYE CONTACT: Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

SKIN CONTACT: 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.

INHALATION: Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably by mouth to mouth. Call a poison control center or doctor for further treatment advice.

INGESTION: Call a physician or Poison Control Center immediately. 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. Never give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

5. FIRE FIGHTING MEASURES

FLAMMABLE EXPLOSIVE PROPERTIES

Flash Point: Not applicable

Autoignition Temperature: Not available

Flammability Limits in Air: Not available

EXTINGUISHING MEDIA

Water spray, foam, dry chemical, or carbon dioxide (CO₂)

FIRE / EXPLOSION HAZARDS

This is a powder; therefore, there is an increased risk of dust and dust production. Handle with consideration of dust hazards such as dust accumulation and associated fire/explosion hazards.

HAZARDOUS COMBUSTION PRODUCTS

Dust clouds generated during handling and/or storage can form explosive mixtures with air. Dust explosion characteristics vary with the particle size, particle shape, moisture content, contaminants, and other variables.

As with any dry material, pouring this material or allowing it to free fall or be conveyed through chutes or pipes can accumulate and generate electrostatic sparks, potentially causing ignition of the material itself, or any flammable materials which may come in contact with the material or its container. Check that all

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equipment is properly grounded and installed to satisfy electrical classification requirements.

NFPA

Health: 2

Flammability: 1

Instability: 0

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Avoid dust formation. Ensure adequate ventilation. Use personal protective equipment. Remove all sources of ignition.

ENVIRONMENTAL PRECAUTIONS

Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.

METHODS OF CLEAN-UP

Avoid dust formation. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

HANDLING

Do not eat, drink or smoke when using this product. Avoid dust formation. Avoid breathing dust. Wear personal protective equipment. Wash thoroughly after handling. Remove and wash contaminated clothing before reuse.

STORAGE

Keep out of reach of children. Keep tightly closed in a cool and dry place. Store in an area where cross-contamination with pesticides, fertilizers, food or feed could not occur.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

EXPOSURE GUIDELINES

Bis(tris(2-methyl-2-phenylpropyl)tin)oxide

ACGIH TLV = 0.1 mg/m³ Sn₂; 2 mg/m³ Sn₄

OSHA PEL = 2 mg/m³ Sn₂; 0.1 mg/m³ Sn₄

ENGINEERING CONTROLS

Investigate engineering techniques to reduce exposures. Local mechanical exhaust ventilation is preferred. Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems.

PERSONAL PROTECTIVE EQUIPMENT

Eye/Face Protection: Where there is potential for eye contact, have eye flushing equipment available. Use eye protection to avoid eye contact.

Skin Protection: Wear protective gloves/clothing.

Respiratory Protection: Avoid breathing dust. When airborne exposure limits are exceeded (see above), use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Consult respirator manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH or the manufacturer.

GENERAL HYGIENE CONSIDERATIONS

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Off-white

PHYSICAL STATE: Powder

ODOR: No characteristic odor

pH: No data available

BOILING POINT/RANGE: Not available

MELTING POINT/RANGE: Not available

SPECIFIC GRAVITY: >1

SOLUBILITY: Negligible

EVAPORATION RATE: Not available

VAPOR PRESSURE: Not available

VAPOR DENSITY: Not available

VOC CONTENT: Not available

VISCOSITY: Not available

MOLECULAR WEIGHT: No data available

BULK DENSITY: 14 lb/ft³ (loose)

PERCENT SOLIDS: Not available

PERCENT VOLATILES: Not available

10. STABILITY AND REACTIVITY

STABILITY: Stable under recommended storage conditions.

CONDITIONS TO AVOID: Heat, flames and sparks.

INCOMPATIBLE MATERIALS: No materials to be especially mentioned.

HAZARDOUS DECOMPOSITION PRODUCTS: None under normal use.

POSSIBILITY OF HAZARDOUS POLYMERIZATION: None under normal processing.

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11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

(ProMITE 50WP)

Acute oral LD₅₀ (rat) = > 5,000 mg/kg

Dermal LD₅₀ (rat) = > 2,000 mg/kg

Inhalation LC₅₀ (rat) = 0.05 mg/L – 4 hr

Inhalation LC₅₀ (rat) = 1.7 mg/L – 1 hr

Skin irritation = Moderate to severe

Eye irritation = Corrosive

CHRONIC TOXICITY

(The information provided below is for the active ingredient.)

Based on animal test results. No carcinogenic activity. No genetic damage in bacterial or mammalian cells or in animals. Tests in some animals indicated the active ingredients may cause developmental and reproductive toxicity but only at levels toxic to the adult animal.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

The information provided below is for the active ingredient.

96 hr LC₅₀ Bluegill sunfish = 0.0048 mg/L

96 hr LC₅₀ Rainbow trout = 0.0066 mg/L

This product is toxic to birds, mammals, fish, and aquatic invertebrates.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal law. If the wastes cannot be disposed of by use or 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.

CONTAMINATED PACKAGING

Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name	Organotin pesticides, Solid, Toxic (Fenbutatin oxide)
Hazard Class	6.1
UN Number	UN2786
Packing Group	II
Marine Pollutant	This product contains a chemical which is listed as severe marine pollutant according to DOT.

ICAO

UN Number	UN2786
Proper Shipping Name	Organotin pesticides, Solid, Toxic (Fenbutatin oxide)
Hazard Class	6.1
Packing Group	II

IATA

UN Number	UN2786
Proper Shipping Name	Organotin pesticides, Solid, Toxic (Fenbutatin oxide)
Hazard Class	6.1
Packing Group	II
ERG Code	6 L

IMDG/IMO

Proper Shipping Name	Organotin pesticides, Solid, Toxic (Fenbutatin oxide)
Hazard Class	6.1
UN Number	UN2786
Packing Group	II
EmS No.	F-A, S-A
Special Provisions	61, 274
Marine Pollutant	This product contains a chemical which is listed as a severe marine pollutant according to IMDG/IMO.

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

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SARA 311 / 312 Hazardous Categorization:

Chronic Health Hazard: No
Acute Health Hazard: Yes
Fire Hazard: No
Sudden Release of Pressure Hazard: No
Reactive Hazard: No

CLEAN WATER ACT:

CLEAN AIR ACT, SECTION 112 HAZARDOUS AIR POLLUTANTS (HAPS) (see 40 CFR 61):

This product does not contain any HAPs.

CERCLA:

RCRA:

STATE REGULATIONS

California Proposition 65: This product does not contain any Proposition 65 chemicals.

STATE RIGHT-TO-KNOW:

Chemical Name: Bis(tris(2-methyl-2-phenylpropyl)tin)oxide

Listed in the state of Illinois

16. OTHER INFORMATION

MSDS STATUS:

New: 09/28/2005
Revised: 07/17/2006: All Sections
Revised: 01/19/2008 (UPI041708)
Sections 2-16

The information in this Material Safety Data Sheet relates to this specific material. It may not be valid for this material if used in combination with any other materials or in any process. It is the users' responsibility to satisfy themselves as to the suitability and completeness of this information for their own particular use.

The Information Herein Is Given In Good Faith, But No Warranty, Express or Implied, Is Made. Consult SePRO Corporation for Further Information.