

# Y-TEX CORPORATION

## Material Safety Data Sheet

PRODUCT NAME: GardStar® Garden & Poultry Dust  
EPA Reg. No.: 39039-16

### SECTION 1 -

Manufacturer's

Name Y-TEX Corporation

Address

1825 Big Horn Ave., PO Box 1450

City, State, and ZIP

Cody, WY 82414

Date Prepared

1/15/07

Date Revised

For Health Safety Emergency Only

800-255-3924 CHEM-TEL, INC.

Other Information Calls

800-443-6401, 307-587-5515 (Y-TEX)

### SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))

OSHA PEL

CAS No.

%(Optional)

#### ACTIVE INGREDIENT:

Permethrin

NA

52645-53-1

0.25%

(3-phenoxyphenyl) methyl 3-(2,2-dichloroethenyl)  
-2,2-dimethylcyclopropane-carboxylate\*

\**cis/trans* isomers ratio: Max. 55% (±) *cis* and min. 45% (±) *trans*

### SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point

Not Applicable

Bulk Density

75 lb/ft<sup>3</sup>

Vapor Pressure (mm Hg) Not applicable

Vapor Density (Air=1)

Not Applicable

Solubility in Water

No data available

Reactivity in Water

No data available

Appearance and Odor

White to off-white powdered  
solid, mild odor

Melting Point

Not applicable

### SECTION 4 - FIRE & EXPLOSION DATA

Flash Point

Not applicable

Method

Used NA

Flammable Limits

in Air % by Volume

LEL

Lower

No data

available

UEL

Upper

No data

available

Auto-Ignition Temperature

No data available

Extinguisher Media

Water fog, carbon dioxide, foam, dry chemical

Special Fire Fighting Procedures

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH

approved

(or equivalent) and full protective gear. Keep upwind. Isolate hazard area. Avoid inhalation of smoke and fumes. Use water

or foam

to reduce fumes. Do not touch spilled material. If possible, move containers from area. Extinguish only if flow can be stopped. Use flooding amounts of water as a fog. Cool containers with flooding amounts of water from as far a distance as possible. Avoid breathing vapors.

Unusual Fire and Explosion Hazards

May form toxic materials: Carbon dioxide, carbon monoxide, various hydrocarbons, etc.

### SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability

Unstable

Conditions

Stable

to Avoid

Do not use or store near heat or open flame.

Incompatibility (Materials to Avoid)

Not determined

Hazardous Decomposition Products

May form toxic materials such as: Carbon monoxide and/or carbon dioxide, chlorine, hydrogen chloride, various hydrocarbons, etc.

Hazardous

May Occur

Conditions

Polymerization

Will Not Occur

to Avoid

**SECTION 6 - HEALTH HAZARDS (SIGNAL WORD: CAUTION)**

1. Acute

2. Chronic Not Determined

No acute toxicity data is available for this formulation. Acute toxicity data is based on an evaluation of the ingredients or on a similar formulation with comparable levels of active ingredient. Oral Toxicity LD<sub>50</sub> (rats), >5050 mg/kg; Dermal Toxicity LD<sub>50</sub> (rabbits), >5050 mg/kg; Inhalation Toxicity LC<sub>50</sub> (rats), >4.09 mg/L; Eye irritation (rabbits), Minimally irritating; Skin irritation (rabbits), Minimally irritating; Skin sensitization (guinea pigs), Non-sensitizer.

Signs and Symptoms of Exposure The toxicity of this product has not been fully assessed. Effects from overexposure result from inhalation or coming into contact with the skin. Symptoms of overexposure include diarrhea, salivation, tremors, convulsions, hyperactivity and hypersensitivity. Contact with this product rarely produces skin sensations such as numbing, burning and tingling. These skin sensations are reversible and usually subside within 12 hours.

Medical Conditions Generally Aggravated by Exposure None presently known.

Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	I.A.R.C. Monographs	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	OSHA	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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Emergency and

First Aid Procedures Remove person from further exposure. Get medical attention if irritation persists.

**ROUTES OF ENTRY**

1. Inhalation Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment.

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

3. Skin 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.

4. Ingestion Call a poison control center or doctor immediately for treatment advice. Have a 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. Do not give anything by mouth to an unconscious person.

**SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

Precautions to be Taken in Handling and Storage Wash thoroughly with soap & water after handling & before eating or smoking. Do not contaminate food, feedstuffs or water. This product is extremely toxic to fish and aquatic invertebrates.

Other Precautions Store in cool, dry place away from children and pets.

Steps to be Taken in Case of Mask Wear clean, protective clothing: long-sleeved coveralls or uniforms, rubber gloves, goggles and dust mask.

Material is Released or Spilled Sweep (or vacuum) up and dispose of with chemical waste. Avoid creation of dust. Place in an approved chemical waste container for disposal. Rinse spill area with a small amount of soapy water. Contain and absorb the rinsate with inert absorbents and place in the same chemical waste container. Area can be washed with water to remove the last trace residue. Do not allow water to contaminate water supplies or sewers.

Waste Disposal Methods (Consult federal, state, and local regulations) **Pesticide:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Never place unused product down any indoor or outdoor drain. **Container:** Do not reuse. If empty: place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain. Do not incinerate or puncture.

**SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES**

Respiratory Protection (Specify Type) Not usually required. Use this material in a well ventilated area. If necessary, use a MSHA/NIOSH approved (or equivalent) respirator with a dust/mist filter.

Ventilation	Local Exhaust	Mechanical (General)	Special	Other
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Protective Gloves Wear rubber or non-permeable protective gloves when handling dust. Eye Protection Eye contact can be avoided by wearing safety glasses or goggles.

Other Protective Clothing or Equipment Skin contact should be minimized by wearing protective clothing, including gloves (such as butyl or nitrile rubber gloves).

Work/Hygienic Practices See Section 7

Y-TEX Corporation, 1825 Big Horn Ave., Cody, WY 82414