

SECTION 1: PRODUCT and COMPANY IDENTIFICATION

Product Name: GardStar[®] Garden & Poultry Dust
 EPA Reg. No. 39039-16
 Date Prepared: 1/15/07
 Date Revised: 10/23/14

Y-TEX Corporation
 1825 Big Horn Ave., PO Box 1450
 Cody, WY 82414

For Health Safety Emergency Only, Call CHEM-TEL, Inc.: 1-800-255-3924 (24 hours)
 Other Information Calls: 800-443-6401, 307-587-5515 (Y-TEX)
 (7:30am – 4:30pm MDT, Monday-Friday)

General Use: For outdoor residential use only. A broad spectrum ready-to-use insecticide for use on vegetable and ornamental plants, poultry and swine.

SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Health		Environmental		Physical
Acute Toxicity:	Category 4 (Inhalation)	Acute Toxicity:	Extremely toxic to fish and aquatic invertebrates	None Known
Respiratory:	Category 1B	Chronic Toxicity:	Category 4	
Skin Irritation:	No	Skin Sensitization:	No	
Eye:	No			

GHS LABEL:



SIGNAL WORD:

DANGER

HAZARD STATEMENTS:

Symbols: Respiratory Sensitization, Exclamation - Acute Toxicity, Environmentally hazardous substance

Hazard Statements		Precautionary Statements	
DANGER		P101	If medical advice is needed, have product container or label at hand.
H332	Harmful if inhaled	P102	Keep out of reach of children.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.	P103	Read label before use.
		P261	Avoid breathing dust or vapors.
		P271	Use only outdoors or in a well-ventilated area.
		P273	Avoid release to the environment.
H413	May cause long lasting harmful effects to aquatic life	P284	In case of inadequate ventilation, can wear NIOSH approved dust respirator.
		P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
		P312	Call a Poison Control Center or doctor if you feel unwell.
		P342+P311	If experiencing respiratory symptoms, call a poison control center or doctor.
		P501	Dispose of contents by completely emptying container. Dispose of on site or at an approved waste disposal facility. Non-refillable container. Do not reuse. Place in trash or offer for recycling. Do not incinerate or puncture. Never place unused product down any indoor or outdoor drain.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients:	Concentration (w/w)		CAS Number
	%	g/kg	
Permethrin (3-phenoxyphenyl) methyl 3-(2,2-dichloroethenyl)-2,2 dimethylcyclopropane-carboxylate* *Cis/trans isomers ratio: Max. 55% (±) cis and min. 45% (±) trans	0.25%	2.5	52645-53-1

SECTION 4: FIRST AID

Eye Contact: Eye contact may cause mild irritation. Avoid eye contact. If contacted, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. If irritation persists, seek medical attention.

Skin Contact: Wash skin immediately and thoroughly with soap and water for 15-20 minutes after contact. Take off contaminated clothing.

Ingestion: May be harmful if swallowed. Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Inhalation: Harmful if inhaled. 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.

Other Information: Remove person from further exposure. Get medical attention if irritation persists.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point (method): Not applicable
LEL: No data available
Flammability Classification: Not applicable.
Autoignition Temperature: No data available
UEL: No data available

Extinguishing Media: Water fog, carbon dioxide, foam or dry chemical.

Hazardous Combustion Products: Not applicable. This product does not contain any combustible liquids.

Unusual Fire or Explosion Hazards: May form toxic materials: Carbon dioxide, carbon monoxide, various hydrocarbons, etc.

Fire-Fighting Instructions/Equipment: 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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Use recommended personal protective equipment (see Section 8).

Small Spill: Wear clean, protective clothing: long-sleeved coveralls or uniforms, rubber gloves, goggles and dust mask. 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.

Large Spill: Same as small spill. Keep product out of sewers and water courses. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas.

SECTION 7: HANDLING AND STORAGE

Handling Precautions: Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse. Do not contaminate food, feedstuffs or water by cleaning of equipment or disposal of wastes. This pesticide is extremely toxic to fish and aquatic invertebrates.

Storage Requirements: Store in cool, dry place away from children and pets. Do not contaminate water, feed or foodstuffs by storage or disposal.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:	Component	U.S. OSHA PEL	ACGIH TLV
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Eye/Face Protection: Eye contact can be avoided by wearing safety glasses or goggles.

Skin Protection: Skin contact should be minimized by wearing protective clothing, including gloves (such as butyl or nitrile rubber gloves).

Respiratory Protection: 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.

Engineering Controls: Do not apply with power duster equipment. Do not enter or allow others to enter until dusts have settled.

Administrative Controls: Use this product only as specified on the label.

Other Information: See Section 7

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State: White to off-white powdered solid

Odor: Mild odor

Odor Threshold (ppm): Not applicable

pH: Not applicable

Melting Point: Not applicable

Boiling Point: Not applicable

Flash Point: Not applicable

Evaporation Rate: Not applicable

Flammability (solid, gas): Solid, nonflammable

LEL: No data available

UEL: No data available

Vapor Pressure (mm Hg): Not applicable

Vapor Density (Air = 1): Not applicable

Relative Density: Tap density 1.60 g/ml, Bulk density 75 lb/ft³

Solubility in Water: No data available

Coefficient of Water/Oil solubility: No data available

Autoignition temperature: No data available

Decomposition temperature: Not applicable

V.O.C.: Not applicable

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable

Hazardous Polymerization: Will not occur

Conditions to Avoid: Do not use or store near heat or open flame

Chemicals 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.

SECTION 11: TOXICOLOGICAL INFORMATIONAcute Effects

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.

Eyes: Avoid contact. Minimally irritating (rabbits)

Skin: Dermal toxicity LD₅₀>5050 mg/kg (rabbits). Skin irritation (rabbits), minimally irritating; Skin sensitization (guinea pigs), non-sensitizer.

Ingestion: Acute oral LD₅₀>5050 mg/kg (rats).

Inhalation: Inhalation LC₅₀>4.09 mg/L. Harmful if inhaled

Chronic Effects

Eyes: Not determined Skin: Not determined Ingestion: Not determined Inhalation: Not determined

Carcinogenicity: Not applicable

Target Organ Effects: Not applicable

Medical Conditions Aggravated by Long-term Exposure: None presently known

Other Information: 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.

Sensitization to Product: 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. Excess inhalation of dust may cause hyperactivity, hypersensitivity and pulmonary problems.

Irritancy of Product: Causes moderate eye irritation. Avoid contact with eyes or clothing.

SECTION 12: ECOLOGICAL INFORMATION

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water. Do not contaminate water when disposing of equipment wash waters.

SECTION 13: DISPOSAL CONSIDERATIONS

Do not contaminate feed or foodstuffs by storage or disposal. Store in cool, dry place.

Pesticide Disposal: 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 Disposal: *If empty:* Non-refillable container. Do not reuse or refill this container. 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 14: TRANSPORT INFORMATION

UN Number: None

UN Proper Shipping Name: See Sections 1 and 3 for product name and chemical names

Transport Hazard Class(es): Non-hazardous material

Packing group, if applicable: Not applicable

Marine Pollutant: No

SECTION 15: REGULATORY INFORMATION

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

CAUTION

HUMANS: Harmful if inhaled. Causes moderate eye irritation. Avoid breathing dust. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

SECTION 16: OTHER INFORMATION

Revision date: 10/23/14

USA EPA Reg. No.: 39039-16; USA Establishment No.: 39578-TX-01

The information contained herein is based on data available to us and is accurate and reliable to the best of our knowledge and belief. However, Y-TEX Corporation makes no representations as to its completeness or accuracy. Information is supplied on condition that persons receiving such information will make their own determination as to its suitability for their purposes prior to use. In no event will Y-TEX Corporation be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.