

Y•TEX CORPORATION**Material Safety Data Sheet****PRODUCT NAME: GardStar[®] Plus Insecticide Ear Tag**

Registration Number: EPA Reg. No.: 39039-1

SECTION 1 - MANUFACTURER

Manufacturer's

Name **Y-TEX Corporation**

Address

1825 Big Horn Ave., PO Box 1450

For Health Safety Emergency Only:

800-255-3924 Chem-Tel, Inc.

City, State, and ZIP

Cody, WY 82414

Other Information Calls

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

Date Prepared

11/3/1988

Date Revised

4/06/2010

U.S. EPA Establishment Number

39039-WY-01

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

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

OSHA PEL

ACGIH TLV

CAS No.

% Concentration (w/w)

ACTIVE INGREDIENT:**Permethrin**

(3-phenoxyphenyl) methyl (±) -cis, trans-3-(2,2-dichloroethenyl) -2,2-dimethylcyclopropane-carboxylate*

52645-53-1

10.0%

*cis/trans ratio: max. 55% (±) cis and min. 45% (±) trans

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point

Not Applicable

Specific Gravity (H₂O=1) 1.20Vapor Pressure (mm Hg): for Permethrin,
3.4 x 10⁻⁷ @ 25°C

Vapor Density (Air=1)

Not Applicable

Solubility in Water

Essentially insoluble

Reactivity in Water None

Appearance and Odor

Bright, reddish-orange tag;
Mild, slightly sweet odor

Melting Point Approximately 302°F (150°C)

SECTION 4 - FIRE & EXPLOSION DATA

Flash

Point NA F. C.

Method

Used NA

Flammable Limits

in Air % by Volume

LEL

Lower NA

UEL

Upper NA

Auto-Ignition Temperature

NA

Extinguisher Media

Large fire: water fog or foam.
Small fire: CO₂; Dry chemical

Special Fire Fighting Procedures

Wear protective clothing, including rubber boots, and use self-contained breathing apparatus. Remain upwind if possible. Attempt to keep drums cool. Runoff must be contained due to possible fish toxicity.

Unusual Fire and Explosion Hazards

Evacuate all areas where fire seriously threatens containers. Overheated, sealed containers are an explosion hazard. Toxic and irritating gases may be formed.

NA = Not Applicable

GardStar® Plus Insecticide Ear Tag**SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)**

Stability Unstable Conditions Do not store near heat or open flame.
Stable to Avoid

Incompatibility (Materials to Avoid) None known

Hazardous Decomposition Products Burning may produce CO, CO₂, chlorine, hydrogen chloride or phosgene.

Hazardous May Occur Conditions
Polymerization Will Not Occur to Avoid: None

SECTION 6 - HEALTH HAZARDS (SIGNAL WORD: CAUTION)

1. Acute Very low single dose toxicity: 2. Chronic Not Determined
Acute oral LD₅₀ > 5000 mg/kg (male & female albino rats); Acute dermal LD₅₀ > 5000 mg/kg (male & female albino rats)
Skin irritant: No (albino rabbits); Skin sensitizer: No (guinea pigs)

Signs and Symptoms of Exposure: Certain individuals may feel skin sensations (numbing, burning, or tingling) from repeated, prolonged contact. These sensations subside and disappear within a few hours.

Medical Conditions Generally Prolonged skin contact may produce allergic skin sensations (tingling, numbness) in certain individuals.
Aggravated by Exposure: These symptoms subside and disappear within a short time. The active ingredient has been proven non-mutagenic and non-teratogenic in laboratory animals.

Chemical Listed as Carcinogen: National Toxicology Yes I.A.R.C. Yes OSHA Yes
Not Determined Program No Monographs No No
(National Cancer Institute)

Emergency and First-Aid Procedures: If swallowed, induce vomiting by giving two glasses of water and sticking finger down throat. Call a physician. If rubbed in eyes, flush with flowing water for 15 minutes. Get medical attention if irritation persists. If on skin, wash thoroughly with soap and water.

ROUTES OF ENTRY

>1. Inhalation No hazard under normal use when following instructions on label.

>2. Eyes Eye contact may cause mild irritation. No corneal injury likely.

>3. Skin Skin irritation may be caused by repeated, prolonged contact with large amounts of tag material. Wash with soap and water after handling.

>4. Ingestion May be harmful if swallowed. Do not store near food products.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken Wash skin with soap and water thoroughly after handling and before smoking or consuming food or
in Handling and Storage: beverage. Keep away from food, feedstuffs, and domestic water supplies. Toxic to fish.

Other Precautions Store in original container in a cool place away from direct sunlight.

Waste Disposal Methods Remove tags before animal slaughter. Securely wrap used tags in a plastic bag or several layers
(Consult federal, state, and local regulations) of newspaper and discard in trash. Do not reuse tag container. Discard in trash.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection: None Required
(Specify Type)

Ventilation: Local Exhaust Mechanical (General) Special Other
NA

Protective Gloves: Washable or disposable, plastic gloves Eye Protection None required

Other Protective Clothing or Equipment: None required

Work/Hygienic Practices: See Section 7