

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

078410006

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

078460324 078920316 078920317

**SECTION 1: PRODUCT and COMPANY IDENTIFICATION**

Product Name: **PYthon® Insecticide Cattle Ear Tag**  
EPA Reg. No. 39039-4

Date Prepared: 1/25/95  
Date Revised: 8/11/15

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: End-use insecticide ear tag for cattle

**SECTION 2: HAZARDS IDENTIFICATION****GHS CLASSIFICATION:**

<u>Health</u>	<u>Environmental</u>	<u>Physical</u>
Acute Toxicity: Category 4 (Oral)	Acute Toxicity: Extremely toxic to fish and aquatic invertebrates	None Known
Skin Irritation: No	Chronic Toxicity: Category 4	
Skin Sensitization: No		
Eye: No		

**GHS LABEL:****SIGNAL WORD:****WARNING****HAZARD STATEMENTS:**

Symbols: Exclamation – acute toxicity, Environmentally hazardous substance

<u>Hazard Statements</u>	<u>Precautionary Statements</u>
<b>WARNING</b> H302 Harmful if swallowed H413 May cause long lasting harmful effects to aquatic life	P101 If medical advice is needed, have product container or label at hand P102 Keep out of reach of children P103 Read label before use P264 Wash thoroughly with soap and water after handling P270 Do not eat, drink or smoke when using this product P273 Avoid release to the environment P301+P312 IF SWALLOWED: Do not induce vomiting unless told to do so by a poison control center or physician. Do not give anything by mouth to an unconscious person. Call a physician if you feel unwell. P330 Rinse mouth P501 Dispose of contents by securely wrapping and discarding in trash. Non-refillable container. Do not reuse. Discard in trash or offer for recycling.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

	Concentration (w/w)	CAS Number
	%	g/kg
<b>Hazardous Ingredients:</b>		
<b>Zeta-cypermethrin, S-enantiomer (FMC 56701)</b>	10.0%	52315-07-8
S-cyano (3-phenoxyphenyl) methyl (±) cis/trans 3-(2,2-dichloroethenyl)-2,2 Dimethylcyclopropane-carboxylate*		
*cis/trans ratio: max. 55% (±) cis and min. 45% (±) trans, inert related Compounds less than 2%.		
<b>Piperonyl Butoxide</b>	20.0%	51-03-6
(butylcarbityl) (6-propylpiperonyl) ether and related compounds		

**SECTION 4: FIRST AID**

Eye Contact:	Eye contact may cause mild irritation. 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.
Ingestion:	May be harmful if swallowed. If part of tag is swallowed, 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. Call physician.
Inhalation:	No apparent hazard with normal use. Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth, if possible.
Other Information:	This product contains zetacypermethrin, a pyrethroid insecticide, and piperonyl butoxide, a mixed-function oxidase inhibitor. Note to physician: Treatment is controlled removal of exposure followed by symptomatic and supportive care.

**SECTION 5: FIRE FIGHTING MEASURES**

Flash Point (method):	Not Applicable	Autoignition Temperature:	Not Determined
LEL:	Not Applicable	UEL:	Not Applicable
Flammability Classification:	Not Applicable		
Extinguishing Media:	Foam, CO <sub>2</sub> or dry chemical. Soft stream water fog only if necessary. Contain all runoff.		
Hazardous Combustion Products:	On burning may decompose to form carbon monoxide, carbon dioxide, hydrogen cyanide, chlorine and hydrogen chloride.		
Unusual Fire or Explosion Hazards:	Not applicable. This product is not explosive.		
Fire-Fighting Instructions/Equipment:	(For a large quantity of product) Isolate fire area. Evacuate downwind. Wear full protective clothing and self-contained breathing apparatus. Do not breathe or contact smoke, gases or vapors generated. Runoff must be contained due to fish toxicity.		

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

Use recommended personal protective equipment (see Section 8). Small spill: Solid product. Not applicable. Large Spill: Solid product. Not Applicable.

**SECTION 7: HANDLING AND STORAGE**

Handling	Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
Precautions:	not contaminate food, feedstuffs or water. This product is <b>extremely</b> toxic to fish and aquatic invertebrates. Do not contaminate water by disposal of used tags. Remove tags before animal slaughter.
Storage	Store in original container in a dry, cool place away from direct sunlight. Do not store near heat or open flame. Opened bags
Requirements:	containing ear tags should be re-sealed for storage.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

EXPOSURE LIMITS:	Component	U.S. OSHA PEL	ACGIH TLV
Eye/Face Protection:	None required.		
Skin Protection-Gloves:	Wear long-sleeved shirt, long pants, socks, shoes and rubber or non-permeable protective gloves when applying tags.		
Respiratory Protection:	None required.		
Engineering Controls:	None required.		
Administrative Controls:	Use this product only as specified on this label.		
Other Information:	See Section 7		

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/Physical State:	Solid, molded plastic ear tag, pinkish purple (mauve) color		
Odor:	Essentially odorless	Odor Threshold (ppm):	Not applicable
pH:	Not applicable		
Melting Point:	Approx. 150°C (302°F)	Boiling Point:	Not applicable
Flash Point:	Not applicable	Evaporation Rate:	Not applicable
Flammability (solid, gas):	Solid, Nonflammable		
LEL:	Not applicable	UEL:	Not applicable
Vapor Pressure (mm Hg):	1.9 x 10 <sup>-9</sup> mm Hg for zetacypermethrin a.i.		
Vapor Density (Air = 1):	1.219 g/cm <sup>3</sup> , @ 25°C for zetacypermethrin a.i.		
Relative Density:	1.21 g/ml (9.5 g/tag)		
Specific Gravity (H <sub>2</sub> O = 1):	Not applicable		
Solubility in Water:	Essentially Insoluble		
Coefficient of Water/Oil solubility:	Not applicable	Autoignition Temperature:	Not applicable
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 store near heat or flame. Opened bags containing ear tags should be re-sealed for storage.		
Chemicals to Avoid:	None known.		
Hazardous Decomposition Products:	On burning may decompose to form carbon monoxide, carbon dioxide, hydrogen cyanide, chlorine and hydrogen chloride.		

**SECTION 11: TOXICOLOGICAL INFORMATION**Acute Effects: Low single dose toxicity:

Eyes:	Eye contact may cause mild irritation. Avoid eye contact with tags or used gloves. If contacted, flush with plenty of water. If irritation persists, seek medical attention.
Skin:	Acute dermal LD <sub>50</sub> >5000 mg/kg (male & female albino rats). Skin irritant: No (albino rabbits); Skin sensitizer: No (guinea pigs). Wash thoroughly with soap and water after handling.
Ingestion:	Acute oral LD <sub>50</sub> >1000 mg/kg (rats, estimated for whole tag); Acute oral LD <sub>50</sub> >500 mg/kg (for small particles in male & female albino rats). May be harmful if swallowed. 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:	No apparent hazard with normal use. Move person to fresh air.

Chronic Effects

Eyes:	Not Determined	Carcinogenicity:	None known
Skin:	Not Determined	Target Organ Effects:	Not Determined
Ingestion:	Not Determined	Sensitization to Product:	Skin – No (guinea pigs)
Inhalation:	Not Determined	Irritancy of Product:	Skin – No (albino rabbits)
Medical Conditions Aggravated by Long-term Exposure:	None presently known.		

**SECTION 12: ECOLOGICAL INFORMATION**

This product is **extremely** toxic to fish and aquatic invertebrates. Do not apply directly to water. Do not contaminate water by disposal of used tags. Use this product only as specified on the label.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Pesticide Disposal:	Remove tags before animal slaughter. Securely wrap used tags in a plastic bag or several layers of newspaper and discard in trash. Do not reuse tag container. Discard in trash.
Container Disposal:	Non-refillable container. Do not reuse bag. Discard bag in trash, or offer for recycling if available.

**SECTION 14: TRANSPORT INFORMATION**

**U.S. DOT** (Department of Transportation) ground: Not restricted, NMFC #155050

UN Number, UN Proper Shipping Name, Transport Hazard Class, Packing Group: Not applicable Marine Pollutant: No

**IATA** Not regulated for transport

**VESSEL (IMO/IMDG)**

UN Number: 3077 UN Proper Shipping Name: Environmentally Hazardous Substance, solid, n.o.s. (zetacypermethrin mixture)  
 Transport Hazard Class: Class 9 Packing Group: PG III Marine Pollutant: Yes

**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**

Harmful if swallowed. Wear long-sleeved shirt, long pants, socks, shoes and rubber or non-permeable protective gloves when applying tags

**SECTION 16: OTHER INFORMATION**

Revision date: 8/11/15	Australia APVMA Reg. No.: 48148	Dominican Republic: 6937
USA EPA Reg. No.: 39039-4	Brazil Lic. Min. Agri. No.: 7.640	New Zealand ACVM No.: A9151
USA EPA Establishment No.: 39039-WY-01	Colombia Reg. ICA No.: 6100-MV	

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