

**SECTION 1: PRODUCT and COMPANY IDENTIFICATION**

Product Name: **PYthon® II Insecticide Cattle Ear Tag**  
 EPA Reg. No. 39039-29

Date Prepared: 9/3/2021  
 Date Revised:

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

For Health Safety Emergency Only, Call CHEM-TEL, Inc. (24 hours): 1-800-255-3924 US  
 813-248-0585 International  
 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: No	Acute Toxicity: Unknown, See Section 12	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>	
H303 May be harmful if swallowed	P101 If medical advice is needed, have product container or label at hand
H313 May be harmful in contact with skin	P102 Keep out of reach of children
H413 May cause long lasting harmful effects to aquatic life	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****Hazardous Ingredients:****Zeta-cypermethrin, 2S-enantiomer (FMC F2700)**

S-cyano (3-phenoxyphenyl) methyl (±) cis/trans 3-(2,2-dichloroethenyl)-2,2  
 Dimethylcyclopropane-carboxylate\*

\*cis/trans ratio: max. 75% (±) cis and min. 25% (±) trans

**Piperonyl Butoxide**

(butylcarbityl) (6-propylpiperonyl) ether and related compounds

Concentration (w/w)  
 % g/kg CAS Number

5.0% 50 52315-07-8

20.0% 200 51-03-6

**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 Precautions:** Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Do not contaminate water, food, or feed by storage or disposal. This product is **extremely** toxic to fish and aquatic invertebrates. Do not contaminate water by disposal of used tags. Remove tags before animal slaughter.

**Storage Requirements:** Store in original container in a dry, cool place away from direct sunlight. Do not store near heat or open flame. Opened bags 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 waterproof or chemical-resistant 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		
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> >2000 mg/kg (rabbits, male and female). 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> >2000 mg/kg (female 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**

<b>U.S. DOT:</b>	Not regulated for transport
<b>IATA:</b>	Not regulated for transport
<b>VESSEL (IMO/IMDG):</b>	UN 3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zetacypermethrin mixture), Class 9, PG III, Limited Quantity, Marine Pollutant

**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. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear long-sleeved shirt, long pants, socks, shoes and waterproof or chemical-resistant gloves when applying tags. Remove and wash contaminated clothing before reuse.

**SECTION 16: OTHER INFORMATION**

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