

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 IDENTIFICATIONProduct Name: **PYthon® Insecticide Cattle Ear Tag**
EPA Reg. No. 39039-4Date Prepared: 1/25/95
Date Revised: 4/1/16Y-TEX Corporation
1825 Big Horn Ave.
Cody, WY 82414For 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:**

| Health | |
|---------------------|-------------------|
| Acute Toxicity: | Category 4 (Oral) |
| Skin Irritation: | No |
| Skin Sensitization: | No |
| Eye: | No |

| Environmental | |
|-------------------|-------------------------|
| Acute Toxicity: | Unknown, See Section 12 |
| Chronic Toxicity: | Category 4 |

| Physical |
|------------|
| None Known |

GHS LABEL:



SIGNAL WORD:

WARNING

HAZARD STATEMENTS:

Symbols: Exclamation – acute toxicity, Environmentally hazardous substance

Hazard Statements**WARNING**H302 Harmful if swallowed
H413 May cause long lasting harmful effects to aquatic life**Precautionary Statements**

| | |
|-----------|---|
| 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**Hazardous Ingredients:****Zeta-cypermethrin, S-enantiomer (FMC 56701)**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%.

| Concentration (w/w) | | CAS Number |
|---------------------|------|------------|
| % | g/kg | |
| 10.0% | 100 | 52315-07-8 |
| 20.0% | 200 | 51-03-6 |

Piperonyl Butoxide

(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, CO₂ 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. Do not contaminate food, feedstuffs or water. 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: 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 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 ⁻⁹ mm Hg for zetacypermethrin a.i. | | |
| Vapor Density (Air = 1): | 1.219 g/cm ³ , @ 25°C for zetacypermethrin a.i. | | |
| Relative Density: | 1.21 g/ml (9.5 g/tag) | | |
| Specific Gravity (H ₂ 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 ₅₀ >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 ₅₀ >1000 mg/kg (rats, estimated for whole tag). 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: | Not regulated for transport |
| IATA: | Not regulated for transport |
| VESSEL (IMO/IMDG): | 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. Wear long-sleeved shirt, long pants, socks, shoes and rubber or non-permeable protective gloves when applying tags

SECTION 16: OTHER INFORMATION

| | | |
|--|-----------------------------------|-----------------------------|
| Revision date: 4/1/16 | 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 | |

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.