

SECTION 1: PRODUCT and COMPANY IDENTIFICATION

Product Name: **TRI-ZAP Insecticide Cattle Ear Tag**
EPA Registration No.: 39039-27

Date Prepared: 9/12/2017
Date Revised: 5/12/2020

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
(+) 1-813-248-0585 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		Environmental		Physical
Acute Toxicity:	Category 4 (Oral)	Acute Toxicity:	Unknown, See Section 12	None Known
Skin Irritation:	Slightly irritating	Chronic Toxicity:	Category 4	
Skin Sensitization:	No	Eye: No		

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

Symbols: Skull and crossbones, Environmentally hazardous substance

Hazard Statements		Precautionary Statements	
WARNING		P101	If medical advice is needed, have product container or label at hand.
H302	Harmful if swallowed	P102	Keep out of reach of children.
H313	May be harmful in contact with skin	P103	Read label before use.
H413	May cause long lasting harmful effects to aquatic life	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: If part of tag is swallowed, call a physician or poison control center. 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.
		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 substance**

Chemical Name	Identifiers	%, w/w	LD ₅₀	Comments
Zetacypermethrin	CAS No. 52315-07-8	3.17%	810 mg/kg oral, rat	
Abamectin	CAS No. 71751-41-2	6.0%	28.47 mg/kg oral, rat	
Piperonyl butoxide	CAS No. 51-03-6	20.0%	4570 mg/kg oral, rat	

SECTION 4: FIRST AID

Eye May cause moderate eye irritation. Avoid eye contact with tags or used gloves. If contacted, flush with plenty of water for 15-20 minutes.

Contact: Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. If irritation persists, seek medical attention.

Skin May be harmful if absorbed through skin. Wear chemical resistant gloves when applying tags. Wash skin immediately and thoroughly with soap and water for 15-20 minutes after contact. If allergic reaction occurs, seek medical attention.

Contact:

Ingestion: May be toxic 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 a poison control center or physician immediately for treatment advice.

Inhalation: May be harmful if inhaled. Low hazard with normal outdoor use when following instructions on label. 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 This product contains abamectin, a macrocyclic lactone; zetacypermethrin, a pyrethroid insecticide; and piperonyl butoxide, a mixed-function oxidase inhibitor.

Information: 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: This product is not explosive. Evacuate closed areas where fire seriously threatens large storage of tags as toxic and irritating vapors may be formed.

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 Applicators and other handlers must wear: long sleeved shirt and long pants, shoes plus socks and rubber or non-permeable protective gloves. 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

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, blue green color		
Odor:	Very mild odor	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 ⁻⁹ mm Hg for zetacypermethrin a.i.		
Vapor Density (Air = 1):	1.219 g/cm ³ , @ 25°C for zetacypermethrin a.i.		
Relative Density:	1.18 g/cc (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. Store away from direct sunlight. Opened bags containing ear tags should be re-sealed for storage.		
Chemicals to Avoid:	None known.		
Hazardous Decomposition Products:	Burning may produce carbon monoxide, carbon dioxide, hydrogen cyanide, chlorine, hydrogen chloride or toxic oxides of nitrogen.		

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Effects: Low single dose toxicity:

Eyes:	May cause moderate 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) for whole tags. May be harmful if absorbed through skin. Wear chemical resistant gloves when applying tags. Wash thoroughly with soap and water after handling.		
Ingestion:	Acute oral LD ₅₀ >300 mg/kg (rats, for whole tag). Harmful if swallowed. Do not store near food products. 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:	May be harmful if inhaled. Low hazard with normal outdoor 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:	Central nervous system depression. Prolonged unprotected contact with large numbers of tags may produce allergic skin sensations or irritations on certain individuals (transient skin flushing).		

SECTION 12: ECOLOGICAL INFORMATION

This product is **extremely** toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean water mark. 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>U.S. DOT:</u>	Not regulated for transport
<u>IATA:</u>	Not regulated for transport
<u>VESSEL (IMO/IMDG):</u>	UN 3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Abamectin mixture), Class 9, PG III, Limited Quantity, Marine Pollutant

SECTION 15: REGULATORY INFORMATION

Abamectin and Piperonyl Butoxide are on the U.S. EPA's Section 313 TRI Reporting List
 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: **WARNING:** May be fatal if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Wear long-sleeved shirt and long pants, socks, shoes and rubber or non-permeable protective gloves when applying tags

SECTION 16: OTHER INFORMATION

Date revised: May 12, 2020 USA EPA Registration No.: 39039-27 USA EPA Establishment No.: 39039-WY-01

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