

Material Safety Data Sheet

PRODUCT NAME: PYthon[®] Insecticide Cattle Ear Tag

REGISTRATION NOS: U.S.A. EPA Reg. No. 39039-4 Australia APVMA App. No. 48148 New Zealand ACVM No. A9151
 Brazil Lic. Min. Agri. No. 7.205/2000 Colombia Reg. ICA No. 6100-MV

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	Date Revised	U.S. EPA Establishment No.	
01/27/1994	03/25/2010	39039-WY-01	

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	U.S. OSHA PEL	CAS No.	Concentration (w/w)	
			%	g/kg
ACTIVE INGREDIENTS:				
Zeta-cypermethrin, S-enantiomer (FMC 56701)	NA	52315-07-8	10.0%	100
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				
Piperonyl Butoxide, Technical	NA	51-03-6	20.0%	200
Min. 80% (butylcarbityl)(6-propylpiperonyl) ether and max. 20% related compounds				

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	NA	Specific Gravity (H ₂ O=1)	1.21	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.				
Solubility in Water	Essentially Insoluble		Reactivity in Water	None	
Appearance and Odor	Pinkish-purple (mauve) ear tag; Essentially odorless		Melting Point	About 150°C (302°F)	

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	Foam, CO ₂ or dry chemical. Soft stream water fog only if necessary. Contain all runoff.						
Special Fire Fighting Procedures	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.									
Unusual Fire and Explosion Hazards	NA									

Note: NA = Not Applicable

PYthon® Insecticide Cattle Ear Tag

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability Unstable Conditions Do not store near heat or open flame. Opened bags containing ear tags should be
Stable to Avoid re-sealed for storage.

Incompatibility (Materials to Avoid) None known

Hazardous Decomposition Products On burning, may decompose to form carbon monoxide, carbon dioxide, hydrogen cyanide, chlorine and hydrogen chloride.

Hazardous Polymerization May Occur Conditions Will Not Occur to Avoid

SECTION 6 - HEALTH HAZARDS (SIGNAL WORD: CAUTION)

1. Acute Low single dose toxicity: 2. Chronic Not Determined
Acute oral LD₅₀ >1000 mg/kg (rats, estimated for whole tag); Acute oral LD₅₀ >500 mg/kg (for small particles in 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 Normal use produces no apparent abnormal symptoms.

Medical Conditions Generally None presently known.
Aggravated by Exposure

Chemical Listed as Carcinogen or Potential Carcinogen National Toxicology Program Yes No I.A.R.C. Monographs Yes No OSHA Yes No

Emergency and First Aid Procedures May produce mild eye & skin irritation. If allergic skin irritation occurs, wash thoroughly with soap and water and seek medical attention.

ROUTES OF ENTRY
>1. Inhalation No apparent hazard with normal use
>2. 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.
>3. Skin Wash thoroughly with soap & water after handling.
>4. Ingestion May be harmful if swallowed. If part of tag is swallowed, may induce vomiting by giving 1-2 glasses of water & touching back of throat with finger or giving syrup of ipecac. Call physician.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage Wash thoroughly with soap & water after handling & before eating or smoking. Avoid contamination of food, feedstuffs or water. This product is toxic to fish.

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

Steps to be Taken in Case Material is Released or Spilled

Waste Disposal Methods (USA instructions) (Consult federal, state, and local regulations) 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.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type) None required

Ventilation Local Exhaust Mechanical (General) Special Other

Protective Gloves Wear rubber or non-permeable protective gloves when applying tags. Eye Protection None required

Other Protective Clothing or Equipment None required

Work/Hygienic Practices See Section 7

Y-TEX Corporation, 1825 Big Horn Avenue, Cody, Wyoming 82414, USA