

# Y-TEX CORPORATION

## Material Safety Data Sheet

### PRODUCT NAME:

**XP 820 Insecticide Cattle Ear Tag**

### **SECTION 1 - MANUFACTURER INFORMATION**

Manufacturer's

Name Y-TEX Corporation

Address

1825 Big Horn Ave., PO Box 1450

Emergency Telephone No.

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

30 January 2009

Date Revised

EPA Pesticide Producing Establishment No.

39039-WY-01

### **SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY**

Hazardous Component(s) (chemical & common name(s))

OSHA PEL

CAS No.

%(Optional)

#### ACTIVE INGREDIENTS:

Abamectin (avermectin B<sub>1a</sub> and B<sub>1b</sub> isomers)

71751-41-2

8%

Piperonyl butoxide, technical

51-03-6

20%

### **SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS**

Boiling Point Not Applicable

Specific Gravity (H<sub>2</sub>O=1): 1.084

Vapor Pressure (mm Hg) A.I.:

Net Weight: 9.0 g per tag

Not Evaluated

Vapor Density (Air=1)

Not Applicable

Solubility in Water Insoluble

Reactivity in Water None

Appearance and Odor Gold-colored plastic tag.  
Very mild odor.

Melting Point About 160°C (320°F)

### **SECTION 4 - FIRE & EXPLOSION DATA**

Flash

Method

Flammable Limits

LEL

UEL

Point

NA

F.

C.

Used

Not Applicable

in Air % by Volume

Lower

NA

Upper

NA

Auto-Ignition Temperature

Not Applicable

Extinguisher Media

Water fog or foam

Special Fire Fighting Procedures Use self-contained breathing apparatus for fires in closed areas. Remain upwind if possible.

Runoff must be contained due to possible fish toxicity.

Unusual Fire and Explosion Hazards

Evacuate closed areas where fire seriously threatens large storage of tags as irritating

or toxic vapors may be formed.

**SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)**

Stability	Unstable <input type="checkbox"/>	Conditions	
	Stable <input checked="" type="checkbox"/>	to Avoid	Do not store near heat or open flame. Store away from direct sunlight.
Incompatibility (Materials to Avoid)	None known		
Hazardous Decomposition Products	Burning may produce CO, CO <sub>2</sub> , chlorine, hydrogen chloride or toxic oxides of nitrogen.		
Hazardous Polymerization	May Occur <input type="checkbox"/>	Conditions	
	Will Not Occur <input checked="" type="checkbox"/>	to Avoid	

**SECTION 6 - HEALTH HAZARDS (SIGNAL WORD: WARNING)**

1. Acute: Low single dose toxicity  
 Acute oral LD<sub>50</sub> estimated at >300 mg/kg for whole ear tags (test not possible with laboratory animals)  
 Acute oral LD<sub>50</sub> = 225.4 mg/kg (rat, female, estimated) for chopped-up ear tags (95% confidence interval of 167 mg/kg to 255 mg/kg)  
Acute dermal LD<sub>50</sub> >5000 mg/kg (rat) for whole ear tags.

Signs and Symptoms of Exposure Normal use produces no apparent abnormal symptoms. Not a skin sensitizer or irritant.

Medical Conditions Generally Aggravated by 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).

Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	I.A.R.C. Monographs	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	OSHA	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
---	-----------------------------	------------------------------	--	---------------------	------------------------------	--	------	------------------------------	--

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

ROUTES OF ENTRY	1. Inhalation	May be harmful if inhaled. Low hazard with normal use outdoors.
	2. Eyes	May cause moderate eye irritation. Avoid rubbing eyes when handling. If contacted, flush with plenty of water for 15-20 minutes.
	3. Skin	Harmful if absorbed through skin. Wear plastic gloves when applying tags. Wash thoroughly with soap and water after use.
	4. Ingestion	May be fatal if swallowed. Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow.

**SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

Precautions to be Taken in Handling and Storage Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Store in cool, dark place away from sunlight in original container. Opened bags containing ear tags should be resealed for storage. Do not contaminate water, food or feed by storage or disposal. Toxic to fish and aquatic invertebrates.

Steps to be Taken in Case Material is Released or Spilled

Waste Disposal Methods Remove tags before slaughter of animals. Offer for recycling (if available). (Consult federal, state, and local regulations) Otherwise, securely wrap used tags in a plastic bag or several layers of newspaper and discard in trash. Do not reuse or refill the box or bag.

**SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES**

Respiratory Protection (Specify Type)	None required				
Ventilation	Not applicable	Local Exhaust	Mechanical (General)	Special	Other
Protective Gloves	Chemical resistant gloves made out of any waterproof material			Eye Protection	Not required
Other Protective Clothing or Equipment	Must wear shirt, pants, shoes and socks.				
Work/Hygienic Practices	See Section 7				

**SECTION 9 – SHIPPING INFORMATION**

DOT Description: The XP 820 Insecticide Cattle Ear Tag does not meet the criteria of a Class 6, Division 6.1 poisonous material per 49 CFR 173.132. Sealed packages of tags do not meet the toxicity criteria of Packing Group III (49 CFR 173.133) for the purposes of marking shipments. IATA Classification: The whole XP 820 Insecticide Cattle Ear Tag does not meet the Division 6.1 Packing Group III Hazard Criteria (3.6.1.3) for the purposes of marking shipments for transportation by air.