

Y•TEX CORPORATION**Material Safety Data Sheet****PRODUCT NAME: WARRIOR™ Insecticide Cattle Ear Tag**

REGISTRATION NOS: EPA Reg. No: 39039-6 (USA), APVMA App. No. 51524 (Australia), Registro ICA N° 5454-DB (Colombia), SENASA Cert. N° 99.230 (Argentina), Registro SAG N° 1561 (Chile), MAT-SASA P.I. 10.780 (Venezuela), Lic. N° 8.253 (Brazil)

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.
01/25/95	03/25/10	39039-WY-01

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	U.S. OSHA PEL	ACGIH TLV	CAS No.	Concentration (w/w)	
				%	g/kg
ACTIVE INGREDIENT:					
Diazinon					
0,0-diethyl-0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate		0.1 mg/m ³ (skin)	333-41-5	30.0%	300
Nuisance Material (inert)	15 mg/m ³	10 mg/m ³		4.2%	42
Chlorpyrifos					
[0, 0-diethyl 0-(3,5,6-trichloro-2-pyridinyl) phosphorothioate]	(TWA 0.2mg/m ³)		2921-88-2	10.0%	100

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	Not Applicable	Specific Gravity (H ₂ O=1)	1.18	Vapor Pressure (mm Hg)	
				Diazinon: 2 x 10 ⁻⁴ @ 20°C	
				Chlorpyrifos: 1.87 x 10 ⁻⁵ @ 20°C	
Vapor Density (Air=1)	Not Applicable				
Solubility in Water	Essentially Insoluble	Reactivity in Water	None		
	(Diazinon = 40 ppm; Chlorpyrifos = 1.2 ppm @ 20°C)				
Appearance and Odor	Green ear tag; Mild mercaptan, sulfur-like odor	Melting Point	About 150°C (302°F)		

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	NA	F.	C.	Method Used	Flammable Limits in Air % by Volume	LEL Lower	UEL Upper	Not Determined
Auto-Ignition Temperature	Not Determined			Extinguisher Media	Large fire: Water fog; foam. Small fire: CO ₂ ; Dry chemical. Minimize water use and contain runoff.			
Special Fire Fighting Procedures	Wear protective clothing including rubber gloves and boots and self-contained air supply (SCBA) Remain upwind if possible. Runoff must be contained due to fish toxicity.							
Unusual Fire and Explosion Hazards	If fire seriously threatens large storage of tags, personnel should evacuate the area as toxic and irritating gases may be formed.							

NA = Not Applicable

WARRIOR™ Insecticide Cattle Ear Tag

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability Unstable Conditions Do not store near heat or open flame. Lengthy storage at high temperatures will promote
Stable to Avoid the migration of active ingredients out of tags, potentially reducing activity.

Incompatibility (Materials to Avoid) None Known

Hazardous Decomposition Products Thermal decomposition products include but are not limited to various aliphatic organophosphates, substituted pyrimidines, hydrogen cyanide, CO & CO₂. HCl, phosgene, and chlorine gases are possible combustion products.

Hazardous May Occur Conditions
Polymerization Will Not Occur to Avoid

SECTION 6 - HEALTH HAZARDS (SIGNAL WORD: WARNING)

1. Acute 2. Chronic Not Determined
Acute oral LD₅₀ >500 mg/kg (rats, estimated for whole tag); Acute oral LD₅₀ >250 mg/kg (tiny particles in male & female albino rats)
Acute dermal LD₅₀ >5050 mg/kg (male & female albino rabbits). Skin irritant: No (albino rabbits); Skin sensitizer: No (guinea pigs)

Signs and Symptoms of Exposure Diazinon and chlorpyrifos are cholinesterase inhibitors. Overexposure may produce any of the following possible symptoms: headache, giddiness, blurred vision, weakness, nausea, cramps, diarrhea, discomfort in chest, nervousness, sweating, constricted pupils, tearing and salivation.

Medical Conditions Generally None Presently Known.

Aggravated by Exposure

Chemical Listed as Carcinogen National Toxicology Program Yes No (National Cancer Institute) I.A.R.C. Monographs Yes No OSHA Yes No

Emergency and First-Aid Procedures If allergic skin irritation occurs, wash thoroughly with soap and water and seek medical attention. If overexposure symptoms occur, call a physician immediately. Note to physician: Atropine by injection is antidotal. 2-PAM may also be given, but only in conjunction with atropine.

ROUTES OF ENTRY

- >1. Inhalation No apparent hazard with normal outdoor use.
Acute inhalation LC₅₀ (diazinon, rat) = 3.5 mg/L (4 hours)
- >2. Eyes Eye contact may cause mild irritation. Avoid rubbing tags in eyes. If contacted, flush with plenty of water.
- >3. Skin Avoid skin contact by wearing disposable plastic gloves.
Wash thoroughly with soap & water after use.
- >4. Ingestion May be harmful if swallowed. If part of tag is swallowed, may induce vomiting by giving two glasses of water and sticking finger down throat. Call physician.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage Wear clean, washable or disposable gloves daily when applying tags. Wash thoroughly with soap and water after handling and before eating or smoking. Avoid contamination of food, feedstuffs or water.
Toxic to fish.

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

Waste Disposal Methods (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 Exhaust Local Mechanical Special Other
(General)

Protective Gloves Washable or disposable plastic gloves Eye Protection None required

Other Protective Clothing or Equipment None Required

Work/Hygienic Practices See Section 7

Y-TEX Corporation, 1825 Big Horn Ave., Cody, Wyoming 82414, U.S.A.