

SECTION 1: PRODUCT and COMPANY IDENTIFICATIONProduct Name: **Warrior™ Insecticide Cattle Ear Tag** Date Prepared: 1/27/94

EPA Reg. No. 39039-6 Date Revised: 5/12/2020

Y-TEX Corporation For Health Safety Emergency Only, Call CHEM-TEL, Inc. (24 hours): 1-800-255-3924 US 1825 Big Horn Ave. 813-248-0585

International Cody, WY 82414 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) Skin Irritation: No Skin Sensitization: No Eye: No	Acute Toxicity: Unknown, See Section 12 Chronic Toxicity: Category 4	None Known

GHS

WARNING



LABEL: SIGNAL WORD:

HAZARD STATEMENTS:

Symbols: Exclamation – acute toxicity, Environmentally hazardous substance

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

Chemical Name	Identifiers	%, w/w	LD₅₀	Comments
Diazinon	CAS No. 333-41-5	30.0%	486 mg/kg oral, rat	
Chlorpyrifos	CAS No. 2921-88-2	10.0%	168 mg/kg oral, rat	

SECTION 4: FIRST AID

Eye Contact: Eye contact may cause mild irritation. Avoid eye contact with tags or used gloves. If contacted, flush with plenty of water.

Skin any waterproof material (thickness equal to or greater than 14 mils). Wash

Contact: skin thoroughly with soap and water after use. If allergic skin irritation

Avoid skin contact by wearing chemical-resistant gloves made of rubber or occurs, wash thoroughly with soap and water and seek medical attention.

Ingestion: May be harmful if swallowed. 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 outdoor use when following instructions on label.

Other

Information:

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. If overexposure symptoms occur, call a physician immediately. Note to physician: Diazinon and chlorpyrifos are organophosphate insecticides. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may also be administered, but only in conjunction with atropine.

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: Large fire: water fog or foam. Small fire: CO₂ or dry chemical. Minimize water use and contain runoff. Hazardous Combustion

Products: Thermal decomposition products include but are not limited to various aliphatic organophosphates, substituted pyrimidines, hydrogen cyanide, CO & CO₂. HC1, phosgene and chlorine gases are possible combustion products.

Unusual Fire or Explosion Hazards: If fire seriously threatens large storage of tags, personnel should evacuate the area as toxic and irritating gases may be formed.

Fire-Fighting Instructions/Equipment: (For a large quantity of product) 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.

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

Precautions:

contact with eyes, skin or clothing. Avoid breathing vapors. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Wear chemical-resistant gloves made of rubber or any waterproof material (thickness equal to or greater than 14 mils) when applying tags. Store in original container in a cool place away from direct sunlight. Opened bags containing ear tags should be resealed for storage.

Storage

Requirements:

Keep out of reach of children. May be harmful if swallowed. Harmful if inhaled or absorbed through skin. Causes moderate eye irritation. Avoid

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS: Component U.S. OSHA PEL ACGIH TLV

Diazinon 0.1 mg/m³ (skin)

Nuisance material (inert) 15 mg/m³ 10 mg/m³

Chlorpyrifos (TWA 0.2 mg/m³)

Eye/Face Protection: None required Skin Protection: Chemical-resistant gloves made of rubber or any waterproof material Respiratory Protection:

None required Engineering Controls: None required

Administrative Controls: Use this product only as specified on the label. Other Information: See Section 7

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State: Solid, molded plastic ear tag, green color

Odor: Mild, mercaptan, sulfur-like odor 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): 2 x 10⁻⁴ for diazinon at 20°C;

1.87 x 10⁻⁶ for chlorpyrifos at 20°C

Vapor Density (Air = 1): Not applicable Relative Density: 1.18 g/cc (15 g/tag) Specific Gravity (H₂O = 1): Not applicable

Solubility in Water: Essentially insoluble (Diazinon = 40 ppm at 20°C; Chlorpyrifos = 1.2 ppm at 20°C) 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 open flame. Lengthy storage at high temperatures will promote the migration of active ingredients out of tags, potentially reducing activity.

Chemicals 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.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Effects:

Eyes: Eye contact may cause mild irritation. Avoid rubbing tags in eyes. If contacted, flush with plenty of water. Skin: Acute dermal LD₅₀>5050 mg/kg (male & female albino rabbits). Skin irritant: No (albino rabbits). Skin sensitizer: No (guinea pigs). Avoid skin contact by wearing chemical-resistant gloves made of rubber or any waterproof material (thickness equal to or greater than 14 mils). Wash thoroughly with soap & water after use.

Ingestion: Acute oral LD₅₀>500 mg/kg (rats, for whole tag). May be harmful if swallowed. Do not store near food products.

Inhalation: No apparent hazard with normal outdoor use.

Chronic Effects

Eyes: Not Determined Carcinogenicity: None known

Skin: Not Determined Target Organ Effects: Not Determined

Ingestion: Not Determined Medical Conditions Aggravated by Long-term Exposure: None presently known Inhalation: Not Determined Sensitization to Product: Skin-No (guinea pigs) Irritancy of Product: Skin – No (albino rabbits)

SECTION 12: ECOLOGICAL INFORMATION

This product is highly toxic to fish, birds, and other wildlife. 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 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

IMO/IMDG: UN 3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (Diazinon and Chlorpyrifos mixture), Class 9, PG III, Limited Quantity, Marine Pollutant

SECTION 15: REGULATORY INFORMATION

Diazinon and Chlorpyrifos 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. Harmful if inhaled or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing vapors. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Do not contaminate food or feed.

NOTE TO PHYSICIAN: Diazinon and chlorpyrifos are organophosphate insecticides. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

SECTION 16: OTHER INFORMATION

Argentina, Cert. No. 99.230 Australia, APVMA Reg. No. 51524 Brazil, Lic. Min. Agri. No. 8.253 Chile, Reg. SAG No. 1561 Colombia, Reg. ICA No. 5454-DB Uruguay, nro. A-3588 Venezuela N° Registro P.I. 10.780 Puerto Rico Reg. No. 19-1514-2 Bolivia: SENASAG PUV-F N° 008348/18 Paraguay: No. 17071 Mexico Reg. No. RSCO-MEZC-PEC-0120-0115-X0003-373-40.0

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