

SECTION 1: PRODUCT and COMPANY IDENTIFICATION

Product Name: **MAX 40 Insecticide Cattle Ear Tag** Date Prepared: 10/22/2019
 39039-28 Date Revised:

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:

<u>Health</u>		<u>Environmental</u>		<u>Physical</u>
Acute Toxicity:	Category 4 (Oral) Category 5 (Dermal)	Acute Toxicity:	Unknown, See Section 12	None Known
Skin Irritation:	No	Chronic Toxicity:	Category 4	
Skin Sensitization:	No			
Eye:	No			

GHS LABEL:



SIGNAL WORD:

WARNING

HAZARD STATEMENTS:

Symbols: Exclamation – acute toxicity, Environmentally hazardous substance

<u>Hazard Statements</u>	<u>Precautionary Statements</u>
WARNING H302 Harmful if swallowed H312 Harmful in contact with skin 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 P280 Wear protective gloves/protective clothing 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. P302+P352 IF ON SKIN: Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. P321 Specific treatment (see label for first aid instruction) P330 Rinse mouth P362+P364 Take off contaminated clothing and wash it before reuse. 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 Ingredients:	Concentration (w/w)		CAS Number
	%	g/kg	
Diazinon 0,0-diethyl-0-(2-isopropyl-6-methyl-4-pyrimidinyl) Phosphorothioate Nuisance material (inert)	40.0%	400	333-41-5
	4.2%	42	

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: Avoid skin contact by wearing chemical-resistant gloves made of rubber or any waterproof material (thickness equal to or greater than 14 mils). Wash skin thoroughly with soap and water after use. If allergic skin irritation occurs, wash thoroughly with soap and water and seek medical attention.
 Contact: 14 mils). Wash skin thoroughly with soap and water after use. If allergic skin irritation 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: Diazinon is a cholinesterase inhibitor. 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 is an organophosphate insecticide. 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.
 Information: Information: 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 is an organophosphate insecticide. 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: Keep out of reach of children. May be harmful 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. Wear chemical-resistant gloves made of rubber or any waterproof material (thickness equal to or greater than 14 mils) when applying tags.

Storage Requirements: Store in original container in a cool place away from direct sunlight. Opened bags containing ear tags should be resealed for storage.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:	Component	U.S. OSHA PEL	ACGIH TLV
	Diazinon		0.1 mg/m ³ (skin)
	Nuisance material (inert)	15 mg/m ³	10 mg/m ³

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: Slight ester scent	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		
Vapor Density (Air = 1):	Not applicable		Relative Density: 1.16 g/cm ³ (15 g/tag)
Specific Gravity (H ₂ O = 1):	Not applicable		
Solubility in Water:	Essentially insoluble (Diazinon = 40 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 & CO ₂ . HC1, phosgene and chlorine gases are possible combustion products.		

SECTION 11: TOXICOLOGICAL INFORMATIONAcute Effects:

Eyes:	Eye contact may cause mild irritation. Avoid rubbing tags in eyes. If contacted, flush with plenty of water.		
Skin:	Acute dermal LD ₅₀ >2000 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 LD ₅₀ >500 mg/kg (rats, estimated for whole tag). May be harmful if swallowed. Do not store near food products.		
Inhalation:	Acute inhalation LC ₅₀ (diazinon, rat) = 3.5 mg/L (4 hrs.) (data on active ingredient). 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 or refill bag. Dispose of empty bag in a landfill or by incineration or by other procedures allowed by state and local authorities.

SECTION 14: TRANSPORT INFORMATION

U.S. DOT:	UN 3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, Solid, N.O.S. (Diazinon mixture), Class 9, PG III, Limited Quantity
IATA:	UN 3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, Solid, N.O.S. (Diazinon mixture), Class 9, PG III, Limited Quantity
IMO/IMDG:	UN 3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, Solid, N.O.S. (Diazinon mixture), Class 9, PG III, Limited Quantity, Marine Pollutant

SECTION 15: REGULATORY INFORMATION

Diazinon is 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 absorbed through skin. Harmful if swallowed. Causes moderate eye irritation. Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Wear chemical-resistant gloves made of rubber or any waterproof material (thickness equal to or greater than 14 mils) when applying tags. Do not contaminate water, food or feed by storage or disposal.

NOTE TO PHYSICIAN: Diazinon is an organophosphate insecticide. This product is a cholinesterase inhibitor. 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

Revision date: USA EPA Reg. No.: 39039-28; USA Establishment No.: 39039-WY-01

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