

**SECTION 1: PRODUCT and COMPANY IDENTIFICATION**

Product Name: **XP 820® Insecticide Cattle Ear Tag**  
EPA Reg. No. 39039-17

Date Prepared: 1/27/94  
Date Revised: 10/27/2016

Y-TEX Corporation  
1825 Big Horn Ave.  
Cody, WY 82414

For Health Safety Emergency Only, Call CHEM-TEL, Inc. (24 hours): 1-800-255-3924 US  
813-248-0585 International

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) | 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

| <b>Hazard Statements</b>   | <b>Precautionary Statements</b>   |
|--|---|
| <b>WARNING</b><br>H302 Harmful if swallowed<br>H413 May cause long lasting harmful effects to aquatic life | P101 If medical advice is needed, have product container or label at hand.<br>P102 Keep out of reach of children.<br>P103 Read label before use.<br>P264 Wash thoroughly with soap and water after handling.<br>P270 Do not eat, drink or smoke when using this product.<br>P273 Avoid release to the environment.<br>P301+P312 IF SWALLOWED: If part of tag is swallowed, Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person. Call a physician if you feel unwell<br>P330 Rinse mouth.<br>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 |            |
| <b>Abamectin</b><br>(Avermectin B <sub>1a</sub> and B <sub>1b</sub> isomers)                 | 8.0%                | 80   | 71751-41-2 |
| <b>Piperonyl Butoxide</b><br>(butylcarbityl) (6-propylpiperonyl) ether and related compounds | 20.0%               | 200  | 51-03-6    |

**SECTION 4: FIRST AID**

Eye Contact: May cause moderate eye irritation. Avoid rubbing eyes when handling. If contacted, flush with plenty of water for 15-20 minutes.  
Skin: May be harmful if absorbed through skin. Wear chemical resistant gloves when applying tags. Wash skin thoroughly with soap and water after use. If allergic skin reaction occurs, wash thoroughly with soap and water and seek medical attention.  
Contact: water after use. If allergic skin reaction occurs, wash thoroughly with soap and water and seek medical attention.  
Ingestion: May be harmful if swallowed. Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.  
Inhalation: May be harmful if inhaled. Low hazard with normal outdoor use when following instructions on label.  
Other:  
Information: This product contains abamectin, a macrocyclic lactone, and piperonyl butoxide, a mixed-function oxidase inhibitor.

**SECTION 5: FIRE FIGHTING MEASURES**

Flash Point (method): Not Applicable  
LEL: Not Applicable  
Flammability Classification: Not Applicable  
Autoignition Temperature: Not Determined  
UEL: Not Applicable  
Extinguishing Media: Water fog or foam.  
Hazardous Combustion Products: Not Applicable  
Unusual Fire or Explosion Hazards: Evacuate closed areas where fire seriously threatens large storage of tags as toxic and irritating vapors may be formed.  
Fire-Fighting Instructions/Equipment: (For a large quantity of product) Use self-contained breathing apparatus for fires in closed areas. Remain upwind if possible. Runoff must be contained due to possible 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: Applicators and other handlers must wear: long sleeved shirt and long pants, shoes plus socks and chemical resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Do not contaminate water, food or feed by storage or disposal.  
Precautions:  
Storage: Store in cool, dark place away from direct sunlight in original container. Opened bags containing ear tags should be resealed for storage.  
Requirements:

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

| EXPOSURE LIMITS:         | Component  | U.S. OSHA PEL         | ACGIH TLV     |
|--------------------------|--|-----------------------|---------------|
| Eye/Face Protection:     | None required  |                       |               |
| Skin Protection:         | Long sleeved shirt and long pants, shoes plus socks and chemical resistant gloves. |                       |               |
| 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, gold color |                           |                      |
| Odor:                                    | Very mild odor                            | Odor Threshold (ppm):     | Not applicable       |
| pH:                                      | Not applicable                            |                           |                      |
| Melting Point:                           | Approx. 160°C (320°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):                  | Not determined                            |                           |                      |
| Vapor Density (Air = 1):                 | Not applicable                            | Relative Density:         | 1.084 g/ml (9 g/tag) |
| Specific Gravity (H <sub>2</sub> O = 1): | Not applicable                            |                           |                      |
| Solubility in Water:                     | Insoluble                                 |                           |                      |
| 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. Store away from direct sunlight.                             |                           |                |
| Chemicals to Avoid:               | None known   |                           |                |
| Hazardous Decomposition Products: | Burning may produce CO, CO <sub>2</sub> , chlorine, hydrogen chloride or toxic oxides of nitrogen. |                           |                |

**SECTION 11: TOXICOLOGICAL INFORMATION**Acute Effects:

|             |   |  |  |
|-------------|---|--|--|
| Eyes:       | May cause moderate eye irritation. Avoid rubbing eyes when handling. If contacted, flush with water for 15-20 minutes.  |  |  |
| Skin:       | Acute dermal LD <sub>50</sub> >5000 mg/kg (rats, albino) for whole tags. May be harmful if absorbed through skin. Wear chemical resistant gloves when applying tags. Wash thoroughly with soap & water after use. |  |  |
| Ingestion:  | Acute oral LD <sub>50</sub> >300 mg/kg (rats, estimated) for whole tag. May be harmful if swallowed. Do not store near food products.   |  |  |
| Inhalation: | May be harmful if inhaled. Low hazard with normal outdoor use.  |  |  |

Chronic Effects

|  |   |                           |                            |
|--|---|---------------------------|----------------------------|
| Eyes:  | Not Determined  | Carcinogenicity:          | None known                 |
| Skin:  | Not Determined  | Target Organ Effects:     | Not Determined             |
| Ingestion:   | Not Determined  | Sensitization to Product: | Skin-No (guinea pigs)      |
| Inhalation:  | Not Determined  | Irritancy of Product:     | Skin - No (albino rabbits) |
| Medical Conditions Aggravated by Long-term 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). |                           |                            |

**SECTION 12: ECOLOGICAL INFORMATION**

This product is toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean water mark. Do not contaminate water when disposing of equipment wash waters, rinsate or 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 or several layers of newspaper and 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>U.S. DOT:</u> | Not regulated for transport |
| <u>IATA:</u>     | Not regulated for transport |

VESSEL (IMO/IMDG):

UN 3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (abamectin mixture), Class 9, PG III, Limited Quantity, Marine Pollutant

**SECTION 15: REGULATORY INFORMATION**

Abamectin 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:

**CAUTION**

Harmful if swallowed.

Personal Protective Equipment: Some materials that are chemical resistant to this product are barrier laminate butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride, viton. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection chart. Applicators and other handlers must wear: - Long sleeved shirt and long pants; - Shoes plus socks; - Chemical resistant gloves.

**SECTION 16: OTHER INFORMATION**

Revision date: 10/27/2016 USA EPA Reg. No.: 39039-17; USA Establishment No.: 39039-WY-01; U.S. Patent No. 8,425,925 B2

Australia APVMA Reg. No. 62199/52256 (Agressor®), Chile Reg. SAG No. 2235 (Kontrola®), Mexico Reg. SAGARPA Q-0273-223 (Kontrola®), Peru Reg. SENASA F.87.17.1.0121 (Expert Gold), Uruguay nro. A-5330 (XP 820), Dominican Republic Reg. No. 9073 (XP 820)

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