

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

078797072

N/A

Y-TEXCORPORATION

Material Safety Data Sheet

PRODUCT NAME:PYthon™ Dust, Livestock Insecticide

EPA Reg. No.: 39039-9

| SECTION 1 -          |                                 |  |                                    |
|----------------------|---------------------------------|--|------------------------------------|
| Manufacturer's       |                                 |  |                                    |
| Name                 | Y-TEX Corporation               |  |                                    |
| Address              |                                 |  | For Health Safety Emergency Only   |
|                      | 1825 Big Horn Ave., PO Box 1450 |  | 800-255-3924 CHEM-TEL, INC.        |
| City, State, and ZIP |                                 |  | Other Information Calls            |
|                      | Cody, WY 82414                  |  | 800-443-6401, 307-587-5515 (Y-TEX) |
| Date Prepared        | Date Revised                    |  |                                    |
|                      | 12/7/00                         |  |                                    |

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

| Hazardous Component(s) (chemical & common name(s))<br>%(Optional)    | OSHA PEL  | CAS No.           |               |
|--|-----------|-------------------|---------------|
| <b>ACTIVE INGREDIENTS:</b>   |           |                   |               |
| <b>Zeta-cypermethrin (FMC 56701) (pyrethroid)</b>                    | <b>NA</b> | <b>52315-07-8</b> | <b>0.075%</b> |
| <b>S-Cyano (3-phenoxyphenyl) methyl (±) cis/trans</b>                |           |                   |               |
| <b>3-(2,2-dichloroethenyl)-2,2 dimethylcyclopropane-carboxylate*</b> |           |                   |               |
| <b>*Cis/trans ratio: Max. 55% (±) cis and min. 45% (±) trans</b>     |           |                   |               |
| <b>Piperonyl Butoxide, Technical</b>                                 | <b>NA</b> | <b>51-03-6</b>    | <b>0.150%</b> |
| <b>Min. 80% (butylcarbityl)(6-propylpiperonyl) ether and</b>         |           |                   |               |
| <b>Max. 20% related compounds</b>                                    |           |                   |               |

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

|                       |                           |                         |                                       |  |
|-----------------------|---------------------------|-------------------------|---------------------------------------|--|
| Boiling Point         | Not Applicable            | Bulk Density            | Vapor Pressure (mm Hg) Not applicable |  |
|                       |                           | 75.5 lb/ft <sup>3</sup> |                                       |  |
| Vapor Density (Air=1) | Not Applicable            |                         |                                       |  |
| Solubility in Water   | Virtually Insoluble       | Reactivity in Water     | None                                  |  |
| Appearance and Odor   | Odorless off-white powder | Melting Point           | Not applicable                        |  |

SECTION 4 - FIRE & EXPLOSION DATA

|   |                |  |  |    |                                     |  |    |           |    |
|---|----------------|--|--|----|-------------------------------------|--|----|-----------|----|
| Flash Point   | Not applicable |  | Method Used  | NA | Flammable Limits in Air % by Volume | LEL Lower  | NA | UEL Upper | NA |
| Does not flash  |                |  |  |    |                                     |  |    |           |    |
| Auto-Ignition Temperature   |                |  | NA   |    | Extinguisher Media                  | May burn initially, but will not sustain combustion. CO <sup>2</sup> foam or dry chemical. |    |           |    |
| Special Fire Fighting Procedures                                      |                |  |  |    |                                     |  |    |           |    |
| Wear self contained breathing apparatus and full protective clothing. |                |  |  |    |                                     |  |    |           |    |
| Runoff must be contained due to fish toxicity.                        |                |  |  |    |                                     |  |    |           |    |
| Unusual Fire and Explosion Hazards                                    |                |  | Product contains dust particles that may be explosive if mixed with air in critical proportions and in the presence of a source of ignition. Maintain normal good housekeeping for control of dust. Toxic product vapor concentrations can be produced. At high temperatures, product decomposition can release hydrogen chloride. |    |                                     |  |    |           |    |

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

|           |  |            |  |
|-----------|--|------------|--|
| Stability | Unstable <input type="checkbox"/>          | Conditions |  |
|           | Stable <input checked="" type="checkbox"/> | to Avoid   | Do not use or store near heat or open flame. |

|                                      |                     |
|--------------------------------------|---------------------|
| Incompatability (Materials to Avoid) | Oxidizing materials |
|--------------------------------------|---------------------|

|                                  |  |
|----------------------------------|--|
| Hazardous Decomposition Products | Carbon monoxide and/or carbon dioxide. Chlorine & hydrogen chloride may be formed. |
|----------------------------------|--|

|                          |  |            |  |
|--------------------------|--|------------|--|
| Hazardous Polymerization | May Occur <input type="checkbox"/>                 | Conditions |  |
|                          | Will Not Occur <input checked="" type="checkbox"/> | to Avoid   |  |

SECTION 6 - HEALTH HAZARDS (SIGNAL WORD: CAUTION)

|  |            |                |
|--|------------|----------------|
| 1. Acute   | 2. Chronic | Not Determined |
| Acute oral LD50 > 5000 mg/kg (rat, observed). Acute dermal LD50 > 2000 mg/kg (rabbit, observed). |            |                |

|                                |   |
|--------------------------------|---|
| Signs and Symptoms of Exposure | This product contains a pyrethroid. May produce skin sensations (feel numbing and tingling) in certain individuals. Excess inhalation of dust may cause hyperactivity, hypersensitivity and pulmonary problems. |
|--------------------------------|---|

|   |                       |
|---|-----------------------|
| Medical Conditions Generally Aggravated by Exposure | None Presently Known. |
|---|-----------------------|

|   |                             |                              |  |                     |                              |  |      |                              |  |
|---|-----------------------------|------------------------------|--|---------------------|------------------------------|--|------|------------------------------|--|
| 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"/> |
|---|-----------------------------|------------------------------|--|---------------------|------------------------------|--|------|------------------------------|--|

First Aid Procedures Remove person from further exposure. Get medical attention if irritation persists.

|                 |               |  |
|-----------------|---------------|--|
| ROUTES OF ENTRY | 1. Inhalation | Excess inhalation of dust may cause hyperactivity, hypersensitivity and pulmonary problems.  |
|                 | 2. Eyes       | Avoid contact. Flush thoroughly with water. If irritation occurs and persists, contact physician.  |
|                 | 3. Skin       | Harmful if absorbed by skin. Avoid contact with skin & clothing. Wash thoroughly with soap and water. Get medical attention if irritation occurs and persists. |
|                 | 4. Ingestion  | May be harmful if swallowed.   |

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

|   |  |
|---|--|
| Precautions to be Taken in Handling and Storage | Wash thoroughly with soap & water after handling & before eating or smoking. Do not contaminate food, feedstuffs or water. This product is toxic to fish and aquatic invertebrates |
|---|--|

|                   |                           |
|-------------------|---------------------------|
| Other Precautions | Store in cool, dry place. |
|-------------------|---------------------------|

|   |  |
|---|--|
| Steps to be Taken in Case Material is Released or Spilled | Wear clean, protective clothing: long-sleeved coveralls or uniforms, rubber goves, goggles and dust mask. Shovel waste into metal or fibreboard drums. Avoid prolonged or repeated breathing of powder dust. Avoid contact with skin or eyes. Keep product out of sewers and water courses. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. |
|---|--|

|                |   |
|----------------|---|
| Waste Disposal | Pesticide: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Container: Empty container into equipment. Then dispose of container in a sanitary landfill or by incineration, or, if allowed by state & local authorities, by burning. If burned, stay out of smoke. |
|----------------|---|

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

|                                       |  |
|---------------------------------------|--|
| Respiratory Protection (Specify Type) | Wear NIOSH approved dust respirator where dust exposure by inhalation may occur. |
|---------------------------------------|--|

|             |               |                      |         |       |
|-------------|---------------|----------------------|---------|-------|
| Ventilation | Local Exhaust | Mechanical (General) | Special | Other |
|-------------|---------------|----------------------|---------|-------|

|                   |  |                |   |
|-------------------|--|----------------|---|
| Protective Gloves | Wear rubber or non-permeable protective gloves when handling dust. | Eye Protection | Wear tight fitting goggles, safety glasses or other equivalent protective gear. |
|-------------------|--|----------------|---|

|  |   |
|--|---|
| Other Protective Clothing or Equipment | Wear long-sleeved coveralls and rubber boots or equivalent protective gear. |
|--|---|

|                         |               |
|-------------------------|---------------|
| Work/Hygienic Practices | See Section 7 |
|-------------------------|---------------|

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

**SECTION 1: PRODUCT and COMPANY IDENTIFICATION**

Product Name: **PYthon® Dust, Livestock Insecticide**  
EPA Reg. No. 39039-9

Date Prepared: 12/7/00

Date Revised: 10/22/14

Y-TEX Corporation  
1825 Big Horn Ave., PO Box 1450  
Cody, WY 82414

For Health Safety Emergency Only, Call CHEM-TEL, Inc.: 1-800-255-3924 (24 hours)  
Other Information Calls: 800-443-6401, 307-587-5515 (Y-TEX)  
(7:30am – 4:30pm MDT, Monday-Friday)

**General Use:** For Control of Horn Flies, Lice, Ticks and Keds and to Aid in Control of Face Flies, Stable Flies, and other Nuisance Flies on Lactating and Non-Lactating Dairy Cattle, Beef Cattle, Sheep, Goats and Horses.

**SECTION 2: HAZARDS IDENTIFICATION****GHS CLASSIFICATION:**

| <u>Health</u>    |                         | <u>Environmental</u> | <u>Physical</u> |
|------------------|-------------------------|----------------------|-----------------|
| Acute Toxicity:  | Category 4 (Inhalation) | Acute Toxicity:      | None Known      |
| Respiratory:     | Category 1B             |                      |                 |
| Skin Irritation: | No                      | Chronic Toxicity:    |                 |
| Eye:             | No                      | Category 4           |                 |

GHS LABEL:



SIGNAL WORD:

**DANGER****HAZARD STATEMENTS:**

Symbols: Respiratory Sensitization, Exclamation - Acute Toxicity, Environmentally hazardous substance

| <u>Hazard Statements</u>  | <u>Precautionary Statements</u>   |
|---|---|
| <b>DANGER</b>   | P101 If medical advice is needed, have product container or label at hand.  |
| H332 Harmful if inhaled   | P102 Keep out of reach of children.   |
| H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. | P103 Read label before use.   |
|   | P261 Avoid breathing dust or vapors.  |
|   | P271 Use only outdoors or in a well-ventilated area.  |
|   | P273 Avoid release to the environment.  |
| H413 May cause long lasting harmful effects to aquatic life                     | P284 In case of inadequate ventilation, can wear NIOSH approved dust respirator.  |
|   | P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  |
|   | P312 Call a Poison Control Center or doctor if you feel unwell.   |
|   | P342+P311 If experiencing respiratory symptoms, call a poison control center or doctor.   |
|   | P501 Dispose of contents by completely emptying container. Dispose of on site or at an approved waste disposal facility. Non-refillable container. Do not reuse. Discard in a sanitary landfill or by incineration. If burned, stay out of smoke. |

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

| Hazardous Ingredients:   | Concentration (w/w) |      | CAS Number |
|--|---------------------|------|------------|
|  | %                   | g/kg |            |
| Zeta-cypermethrin, S-enantiomer (FMC 56701)  | 0.075%              | 0.75 | 52315-07-8 |
| S-Cyano (3-phenoxyphenyl) methyl (±) cis/trans 3-(2,2-dichloroethenyl)-2,2 dimethylcyclopropane-carboxylate* |                     |      |            |
| *Cis/trans ratio: Max. 55% (±) cis and min. 45% (±) trans  |                     |      |            |
| Piperonyl Butoxide   | 0.150%              | 1.5  | 51-03-6    |
| (butylcarbityl)(6-propylpiperonyl) ether and related compounds   |                     |      |            |

**SECTION 4: FIRST AID**

|                    |  |
|--------------------|--|
| Eye Contact:       | Eye contact may cause mild irritation. Avoid eye contact. If contacted, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. If irritation persists, seek medical attention. |
| Skin Contact:      | Wash skin immediately and thoroughly with soap and water for 15-20 minutes after contact. Take off contaminated clothing.  |
| Ingestion:         | May be harmful if swallowed. Have person sip a glass of water if able to swallow. 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.  |
| Inhalation:        | No apparent hazard with normal use. Move person to fresh air.  |
| Other Information: | This product contains zetacypermethrin, a pyrethroid insecticide, and piperonyl butoxide, technical, a mixed-function oxidase inhibitor.   |

**SECTION 5: FIRE FIGHTING MEASURES**

|  |  |                                     |  |             |                |
|--|--|-------------------------------------|--|-------------|----------------|
| <u>Flash Point (method):</u>                 | Not applicable   | <u>Autoignition Temperature:</u>    | Not applicable   | <u>LEL:</u> | Not applicable |
| <u>UEL:</u>                                  | Not applicable   | <u>Flammability Classification:</u> | Not applicable. May burn initially, but will not sustain combustion. |             |                |
| <u>Extinguishing Media:</u>                  | CO <sub>2</sub> foam or dry chemical.  |                                     |  |             |                |
| <u>Hazardous Combustion Products:</u>        | Not applicable. This product does not contain any combustible liquids.   |                                     |  |             |                |
| <u>Unusual Fire or Explosion Hazards:</u>    | Product contains dust particles that may be explosive if mixed with air in critical proportions and in the presence of a source of ignition. Maintain normal good housekeeping for control of dust. Toxic product vapor concentrations can be produced. At high temperatures, product decomposition can release hydrogen chloride. |                                     |  |             |                |
| <u>Fire-Fighting Instructions/Equipment:</u> | Wear self contained breathing apparatus and full protective clothing. Runoff must be contained due to fish toxicity.   |                                     |  |             |                |

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

Use recommended personal protective equipment (see Section 8).  
**Small Spill:** Wear clean, protective clothing: long-sleeved coveralls or uniforms, rubber gloves, goggles and dust mask. Shovel waste into metal or fiberboard drums. Avoid prolonged or repeated breathing of powder dust. Avoid contact with skin or eyes.  
**Large Spill:** Same as small spill. Keep product out of sewers and water courses. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas.

**SECTION 7: HANDLING AND STORAGE**

**Handling Precautions:** Applicators and other handlers must wear: long-sleeved shirt and long pants; chemical-resistant gloves made of any waterproof material; and shoes and socks. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or the toilet. Do not contaminate food, feedstuffs or water by cleaning of equipment or disposal of wastes. This pesticide is **extremely** toxic to fish and aquatic invertebrates.  
**Storage Requirements:** Store in cool, dry place. Do not contaminate feed or foodstuffs by storage or disposal.

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

| EXPOSURE LIMITS:         | Component  | U.S. OSHA PEL | ACGIH TLV |
|--------------------------|--|---------------|-----------|
| Eye/Face Protection:     | None required. Can wear tight fitting goggles, safety glasses or other equivalent protective gear.   |               |           |
| Skin Protection:         | Applicators and other handlers must wear: long-sleeved shirt and long pants; chemical-resistant gloves made of any waterproof material; and shoes and socks. |               |           |
| Respiratory Protection:  | None required. Can wear NIOSH approved dust respirator where dust exposure by inhalation may occur.  |               |           |
| Engineering Controls:    | Do not apply with power duster equipment. Do not enter or allow others to enter until dusts have settled.  |               |           |
| 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:           | Off-white powder                     |                            |                     |
| Odor:                                | Odorless                             | Odor Threshold (ppm):      | Not applicable      |
| pH:                                  | Not applicable                       | Melting Point:             | Not applicable      |
| 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 applicable                       | Vapor Density (Air = 1):   | Not applicable      |
| Relative Density:                    | Bulk density 75.5 lb/ft <sup>3</sup> | Solubility in Water:       | Virtually 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 use or store near heat or open flame  | Chemicals to Avoid:       | Oxidizing materials |
| Hazardous Decomposition Products: | Carbon monoxide and/or carbon dioxide. Chlorine & hydrogen chloride may be formed. |                           |                     |

**SECTION 11: TOXICOLOGICAL INFORMATION**Acute Effects

|             |  |  |  |
|-------------|--|--|--|
| Eyes:       | Avoid contact. Flush thoroughly with water. If irritation occurs and persists, contact physician.  |  |  |
| Skin:       | Acute dermal LD <sub>50</sub> >2000 mg/kg (rabbit, observed). Harmful if absorbed by skin. Avoid contact with skin & clothing. Wash thoroughly with soap and water. Get medical attention if irritation occurs and persists. |  |  |
| Ingestion:  | Acute oral LD <sub>50</sub> >5000 mg/kg (rat, observed). May be harmful if swallowed.  |  |  |
| Inhalation: | Excess inhalation of dust may cause hyperactivity, hypersensitivity and pulmonary problems   |  |  |

Chronic Effects

|  |   |             |                |
|--|---|-------------|----------------|
| Eyes:  | Not determined  | Skin:       | Not determined |
| Ingestion:   | Not determined  | Inhalation: | Not determined |
| Carcinogenicity:                                     | Not applicable  |             |                |
| Target Organ Effects:                                | Not applicable  |             |                |
| Medical Conditions Aggravated by Long-term Exposure: | None presently known  |             |                |
| Other Information:                                   | Does not flash. May burn initially, but will not sustain combustion.  |             |                |
| Sensitization to Product:                            | May cause skin sensations (feel numbing and tingling) in certain individuals. Excess inhalation of dust may cause hyperactivity, hypersensitivity and pulmonary problems. |             |                |
| Irritancy of Product:                                | Not applicable  |             |                |

**SECTION 12: ECOLOGICAL INFORMATION**

This pesticide is **extremely** toxic to aquatic organisms, including fish and invertebrates. Do not contaminate water by cleaning of equipment or disposal of wastes. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Do not contaminate feed or foodstuffs by storage or disposal. Store in cool, dry place.

|                            |  |
|----------------------------|--|
| <b>Pesticide Disposal:</b> | Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.  |
| <b>Container Disposal:</b> | Non-refillable container. Do not reuse or refill this container. Completely empty container into application equipment, then dispose of empty container in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. |

**SECTION 14: TRANSPORT INFORMATION**

|                               |  |
|-------------------------------|--|
| UN Number:                    | None   |
| UN Proper Shipping Name:      | See Sections 1 and 3 for product name and chemical names |
| Transport Hazard Class(es):   | Non-hazardous material                                   |
| Packing group, if applicable: | Not applicable   |
| Marine Pollutant:             | No   |

**SECTION 15: REGULATORY INFORMATION**

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 absorbed through skin. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling.  
 Personal Protective Equipment (PPE): Applicators and other handlers must wear: Long-sleeved shirt and long pants; chemical resistant gloves made of any waterproof material; and shoes and socks

**SECTION 16: OTHER INFORMATION**

Revision date: 10/22/14 USA EPA Reg. No.: 39039-9; USA Establishment No.: 39578-TX-1

The information contained herein is based on data available to us and is accurate and reliable to the best of our knowledge and belief. However, Y-TEX Corporation makes no representations as to its completeness or accuracy. Information is supplied on condition that persons receiving such information will make their own determination as to its suitability for their purposes prior to use. In no event will Y-TEX Corporation be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.