

**Control Solutions, Inc.**  
**5903 Genoa Red Bluff**  
**Pasadena, Texas USA 77507**

**In Case of Emergency, Call**  
**Information: 1-281-892-2500**  
**CHEMTREC: 1-800-424-9300**

<b>1. CHEMICAL IDENTIFICATION</b>
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Product Name: Pivot 10  
 EPA Registration No.: 53883-280  
 Active Ingredient (%): Pyriproxyfen 10.0%  
 Recommended Use: Pesticide

<b>2. HAZARDS IDENTIFICATION</b>
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Health: Harmful if swallowed or inhaled. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.  
 Environmental: Not determined.

<b>3. COMPOSITION/INFORMATION ON INGREDIENTS</b>
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Material	% by weight	CAS#	OSHA PEL
Pyriproxyfen	10.0%	095737-68-1	None Established

<b>4. FIRST AID MEASURES</b>
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General Advice: Have the product container or label with you when calling a poison control center or doctor for treatment.  
 Eye Contact: Causes temporary eye irritation, tearing and blurred vision. Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing the eye. Call a poison control center or doctor for treatment advice if irritation persists.  
 Inhalation: Harmful if inhaled. Excessive inhalation can cause mild nasal and respiratory irritation, nausea and nervous disorders such as fatigue, dizziness, headaches, lack of coordination, tremors and unconsciousness. Remove affected person to fresh air. Administer artificial respiration if necessary. Call poison control center for further treatment advice.  
 Ingestion: Call poison control center or a doctor immediately for treatment advice. Do not induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person.  
 Dermal Contact: Remove all contaminated clothing immediately. Rinse immediately with plenty of water for at least 15 minutes. Call a physician or the poison control center for additional assistance. Wash all contaminated clothing.  
 Physician's Information: Solvent presents aspiration hazard. Gastric lavage is indicated if material was taken internally. You may also contact SafetyCall<sup>®</sup> International (866) 897-8050 for emergency medical treatment information.

<b>5. FIRE FIGHTING MEASURES</b>
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Flash Point: >90°C (>194°F)  
 Flammable Limits: N/A  
 Fire & Explosion Hazards: Can burn in fire, releasing irritating and toxic gases due to thermal decomposition or combustion.  
 Extinguishing Media: CO<sub>2</sub>, water fog, dry chemical, foam  
 Procedures: Treat as an oil fire. Evacuate area and fight fire from upwind position, a safe distance away to avoid hazardous vapors and decomposition products. Cool closed containers exposed to fire with water spray. Use self-contained breathing apparatus. See **Section 10** for more information.

## 6. ACCIDENTAL RELEASE MEASURES

General:	Keep unprotected persons and animals out of the area. Avoid contact with spilled product or contaminated surfaces. Avoid dust formation. Avoid breathing dust. Avoid contact with skin and eyes. Use recommended protective equipment while carefully sweeping up/cleaning up, spilled material. Place in covered container for reuse or disposal. Scrub contaminated area with soap and water and then rinse thoroughly with water.
Absorbent Materials:	Use Universal or oil-only dry absorbent pads, booms vermiculite, or clay granules. solution for proper disposal.
Containment:	Dike or contain release and if possible, further damage or danger. Isolate the Hazard area. Do not discharge into municipal wastewater or public storm drains. Eliminate runoff as much as possible. Do not allow material to enter streams, sewers or other waterways or to contact vegetation.
Waste Disposal:	Sweep contaminated absorbent material into suitable container. Seal container and dispose of waste material in municipal land fill or through licensed TSDF. Contaminated soil may have to be removed and disposed of. Open dumping is prohibited. Not an RCRA hazardous waste.
Reporting:	Report all major spills and uncontrolled releases to proper local, state, and federal agencies.

## 7. HANDLING AND STORAGE

Handling Procedures:	Do not contaminate water, food, or feed by storage or disposal or cleaning of equipment. Avoid inhalation. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.
Storage Procedures:	Store upright at room temperature. Avoid exposure to extreme temperatures. Do not store near heat or an open flame. Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.
Note:	Avoid dermal contact. Take precautions to avoid damaging containers.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Routes of Exposure:	Dermal, eye, inhalation
Comments:	Avoid cross contamination. Always wash hands thoroughly after handling pesticides and before eating, drinking, or smoking.
Engineering Controls:	To avoid exceeding exposure limits, handle only with adequate ventilation.
Eye Protection:	Avoid contact. ANSI approved safety goggles with side shields are recommended.
Respiratory Protection:	None likely to be needed. Wear a NIOSH approved organic vapor respirator on actual or potential airborne concentrations and in accordance with the in the absence of proper mechanical ventilation.
Dermal Protection:	Chemical resistant gloves, long sleeves, pants, and shoes.
Work Practices:	Clean water should be available for washing in case of eye or skin contamination. Wash skin prior to eating, drinking or using tobacco. Remove clothing if pesticide gets inside and then wash thoroughly and put on clean clothing. Shower at the end of the workday.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Odor:	Mild sweet odor.
Physical State:	Liquid.
Color:	Clear, amber.
Vapor Pressure:	Not Established.
Bulk Density:	0.9311 g/ml
Viscosity:	18 cps @ 21.5°C
Melting Point:	Not Established.
Flash Point:	>90°C (194°F)
Specific Gravity:	0.9311 g/ml
pH:	5.3
Water solubility:	Disperses in water.
Refractive Index:	Not established.

## 10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal storage conditions.
Hazardous Polymerization:	Will not occur.
Decomposition Products:	Cyanide, CO, and CO <sub>2</sub> .
Conditions to Avoid:	Avoid extreme temperatures.

## 11. TOXICOLOGICAL DATA

Routes of Exposure:	Dermal, eye, inhalation.
Skin Contact:	Non irritating.
Eye Contact:	Conjunctival irritation. Symptoms reversible in 7 days.
Ingestion:	Ingestion may induce neurotoxic symptoms including diarrhea, salivation, tremors, convulsions, hyperactivity and hypersensitivity to touch or sound.
Oral LD <sub>50</sub> :	= 5.04 g/kg
Dermal LD <sub>50</sub> :	> 2.0 g/kg
Inhalation:	May cause nasal or respiratory irritation.
Carcinogenicity:	IARC: Group 3 (not carcinogenic).
Reproductive Effects:	None known.
Mutagenicity:	None.
Additional Data:	None.

## 12. ECOLOGICAL DATA

Aquatic:	Not Available.
Avian:	Not Available.
Bioaccumulation:	Not Available.
Environmental Fate:	Not Available.
Summary:	Care should be taken to avoid contamination of the aquatic environment.

## 13. DISPOSAL CONSIDERATION

Do not contaminate water, food or feed by disposal.

Pesticide Disposal: Pesticide spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

Container Disposal: *For containers equal to or less than 5 Gallons:* Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available.

*For Containers greater than 5 Gallons:* Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling if available.

*For bulk containers: (Refillable Container)* Refill this container with pesticides only. Do not reuse this container for any other purpose. Cleaning the container before refilling is the responsibility of the re-filler. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or re-circulate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

#### 14. TRANSPORTION DATA

DOT:	Not Regulated.
IATA:	Not Regulated.
IMDG:	Not Regulated.

#### 15. REGULATORY DATA

Section 302/TPQ: (emergency planning)	Not regulated under section 302.
Section 304/EHS RQ: (release notification)	Not regulated under section 304.
CERCLA RQ: (release notification)	Not regulated by CERCLA.
Section 311/Tier II: (SDS submission)	Acute health hazard.
Section 313/TR Chemicals:	None.
RCRA:	Not a hazardous waste.
CAA TQ:	None.
Category:	III
EPA Signal Word:	CAUTION.

#### 16. OTHER INFORMATION

Date of Last Revision: June 25, 2015

NFPA and HMIS ratings assigned to this product are based on the hazards of its ingredient (s). Because the customer is most aware of the application of the product, he must ensure that the proper personal protective equipment (PPE) is provided consistent with information contained in the product SDS.

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