

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

COMPANY ADDRESS:

Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507-1041

EMERGENCY TELEPHONE NUMBERS:

(800) 424-9300 (CHEMTREC, transportation and spills)
(800) 222-1222 (Poison Control Center)

PRODUCT NAME : Martin's Fly-Ban Synergized Pour-On
CHEMICAL FAMILY : Pyrethroid Insecticide
PRODUCT CODE : EPA Reg. No. 53883-74

SECTION 2 - COMPOSITION, INFORMATION OF INGREDIENTS

COMPONENT	PERCENTAGE	CAS NUMBER	OSHA PEL	ACIGH TLV
Permethrin	7.40	52645-53-1	Not Listed	Not Listed
Piperonyl Butoxide	7.40	51-03-6	Not Listed	Not Listed
Petroleum distillate (contains trimethyl benzene and Stoddard Solvent)	<75%	8052-41-3	125 mg/M3 525 mg/M3	125 mg/M3 525 mg/M3

SECTION 3 - HAZARDS IDENTIFICATION SUMMARY

(As defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200)

EMERGENCY OVERVIEW: Opaque white liquid with slight odor.

- May be harmful if swallowed, inhaled or absorbed through skin.
- Avoid contact with eyes, skin or clothing.
- Keep out of reach of children.

POTENTIAL HEALTH HAZARDS:

EYE - Mildly irritating to the eyes. Degree of injury will depend on the amount of material that gets into eye and the speed and thoroughness of the first aid treatment.

SKIN - Prolonged or repeated skin contact may cause irritation. May cause skin sensitization, an allergic reaction, which becomes evident on re-exposure to this material.

INHALATION - May be irritating to respiratory tract.

INGESTATION - May be harmful if swallowed.

ENVIRONMENTAL HAZARDS: Highly toxic to fish, other water organisms and bees. Keep out of waterways.

SECTION 4 - FIRST AID MEASURES

FIRST AID	
Have the product container or label with you when calling the poison control center or doctor, or going for treatment.	
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to mouth, if possible. • Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • 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 eye. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
<p>Note to Physician: This product may pose an aspiration pneumonia hazard. Contains petroleum distillate.</p> <p>Emergency Phone Numbers:</p> <p>! Transportation or spill, call CHEMTREC 800-424-9300</p> <p>! Human health, call Poison Control Center at 800-222-1222</p>	

SECTION 5 - FIRE FIGHTING MEASURES

FLASHPOINT (method): 185° F

FLAMMABLE LIMITS (LFL-UFL): Unknown.

FIRE AND EXPLOSION HAZARD: May release irritating and toxic gases due to thermal decomposition or combustion.

EXTINGUISHING MEDIA: Use foam, dry chemical, carbon dioxide, or water spray when fighting fires involving this material.

FIRE FIGHTING INSTRUCTIONS: Evacuate area and fight fire upwind from a safe distance to avoid hazardous vapors and decomposition products. Dike and collect water used to fight fire to prevent environmental damage due to run off. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water run off.

FIRE FIGHTING EQUIPMENT: Full fire fighting turn-out gear (Bunker gear).

HAZARDOUS COMBUSTION PRODUCTS: Oxides of hydrogen and carbon.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Clean up spills immediately, observing precautions in Section 8 of this document.

SMALL SPILL: Absorb small spills on paper towels or other inert absorbent. Place contaminated material in trash for disposal.

LARGE SPILL: Dike large spills using absorbent or impervious material such as clay or sand. Recover and contain as much free liquid as possible for reuse. Allow absorbed material to solidify, and scrape up for disposal. After removal, flush contaminated area thoroughly with water. This material is a water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.

SECTION 7 - HANDLING AND STORAGE

KEEP OUT OF REACH OF CHILDREN!

HANDLING: Use only in a well-ventilated area.

STORAGE: Keep container closed when not in use. Keep away from food, feed and drinking water. Store in a cool dry area away from heat or open flame. Store above 32 degrees Fahrenheit.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE LIMITS (8 HOUR TWA): (Refer to Section 3)

ENGINEERING CONTROLS: Proper ventilation is required when handling or using this product. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

PERSONAL PROTECTIVE EQUIPMENT:

EYE PROTECTION - Safety glasses

CLOTHING - Long-sleeved shirt and long pants, Shoes plus socks

GLOVES - Waterproof gloves

USER SAFETY RECOMMENDATIONS:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL DESCRIPTION: Pale amber liquid.

ODOR: Slight aromatic.

DENSITY: 0.86(7.2lb/gl)

pH: 4.5 - 5.0

% VOLATILE: Unknown.

WATER SOLUBILITY: Miscible.

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable, however may decompose if heated.

CONDITIONS TO AVOID: Avoid temperatures above 150°F.

INCOMPATIBILITY WITH OTHER MATERIALS: Alkaline and acidic conditions and materials,

Oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of hydrogen and carbon.

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

SECTION 11 - TOXICOLOGICAL INFORMATION**ACUTE TOXICITY:**

Oral LD₅₀ (rat) - > 5,000 mg/Kg
 Dermal LD₅₀ (rat) - > 2,000 mg/Kg
 Inhalation LC₅₀ (rat) - > 4.0 mg/L
 Eye Irritation (rabbit) - moderate
 Skin Irritation (rabbit) - slight
 Sensitization (guinea pig) - potential

CARCINOGEN STATUS:

OSHA - Not listed.
 NTP - Not listed.
 IARC - Not listed.

SECTION 12 - ECOLOGICAL INFORMATION

ENVIRONMENTAL SUMMARY: This product is extremely toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of wastes.

BEE TOXICITY: Highly toxic.

SECTION 13 - DISPOSAL CONSIDERATIONS

Do not contaminate water, food or feed by storage or disposal.

WASTE: Pesticide wastes are toxic. Dispose of in accordance with applicable Federal, state and local laws and regulations.

CONTAINER: Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

SECTION 14 - TRANSPORT INFORMATION

DOT SHIPPING DESCRIPTION:

DOT HAZARD CLASS:

UN NUMBER:

DOT PACKING GROUP:

DOT PRIMARY/SECONDARY LABEL:

DOT PRIMARY/SECONDARY PLACARD:

DOT EMERGENCY RESPONSE GUIDE #:

SECTION 15 - REGULATORY INFORMATION

FIFRA: All pesticides are governed under the Federal Insecticide, Fungicide, and Rodenticide Act. The regulatory information presented below is pertinent only when this product is handled outside of the normal use and application as a pesticide.

OSHA HAZARD COMMUNICATION STANDARD STATUS:

CERCLA REPORTABLE QUANTITY:

SARA TITLE III STATUS:

302 Extremely Hazardous Substance -
 311/312 Hazard Categories -

313 Toxic Chemicals

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CALIFORNIA PROP 65 STATUS:

SECTION 16 - OTHER INFORMATION

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