

Safety Data Sheet

Section 1 – Product Identification

Product Name: Martin's Stock Tox X EPA Registration #: 53883-25
Manufacturer: Control Solutions Inc. EPA Establishment #: 53883-TX-002
5903 Genoa- Red Bluff
Pasadena, TX 77507
281-892-2500
Recommended Usage: Apply only as directed by product label.
Restrictions: Refer to product label for usage restrictions.

Section 2 – Hazard Identification

Health: Harmful if swallowed. Permethrin is a neurotoxin. Exposure may produce symptoms of neurotoxicity. Refer to **Section 11**.
Environmental: Permethrin is considered acutely toxic to aquatic life. Permethrin has low avian toxicity. Refer to **Section 12**.
Physical: Flammable liquid.
Unclassified: None.
GHS Classification:

- Environmental toxicity: Acute Aquatic, Category 1 (severe).
- Flammable liquid: Category 3 (moderate).
- Carcinogenicity: Category 2 (suspected).
- Eye irritation: Category 2B (mild).

Section 3 – Chemical Composition

Material	CAS #	% by Weight	OSHA PEL
Permethrin	52645-53-1	10.0%	None established
Inert ingredients	-	90.0%	Petroleum solvent: 500 ppm

Section 4 – First Aid

Eye Contact:	Flush eyes with water for 15 minutes. Seek medical attention if irritation persists.
Inhalation:	Move person to fresh air. If person is not breathing, give artificial respiration. Call a poison control center for further treatment advice.
Ingestion:	Call poison control center immediately for treatment advice. Do not induce vomiting unless directed to do so by a poison control center. Do not give anything by mouth to an unconscious person.
Dermal Contact:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center for treatment advice if irritation persists.
Physician's Information:	You may also contact SafetyCall® International (866) 897-8050 for emergency medical treatment information.
Notes:	Refer to Section 11 for symptoms of overexposure.

Section 5 – Firefighting Measures

Flash Point:	110°F
Extinguishing Media:	Water fog, CO ₂ , foam, dry chemical.
Procedures:	Use self-contained breathing apparatus. Cool fire exposed areas and equipment.
Unusual Fire Hazards:	Pesticide fires have potential to emit hazardous decomposition products. Refer to Section 10 for more information.

Section 6 – Accidental Release Measures

Absorbent Materials:	Oil-only absorbent pads, vermiculite, booms, or clay granules.
Containment:	Do not discharge into municipal wastewater or public storm drains. Eliminate runoff as much as possible.
Waste Disposal:	Sweep contaminated absorbent material into suitable container. Seal container and dispose of all contaminated waste material in municipal land-fill or through licensed TSD. Open dumping is prohibited. Not an RCRA hazardous waste.
Reporting:	Report all major spills and uncontrolled releases to proper local, state, and federal agencies.
Emergency Contact #:	Chemtrec: 1-800-424-9300

Section 7 – Handling and Storage Instructions

Storage Conditions:	Store upright at room temperature. Avoid exposure to extreme temperatures. Do not store near heat or open flame. Store away from foodstuffs, feed, and children.
Special Handling Considerations:	Avoid dermal contact. Take precautions to avoid damaging containers. Avoid cross contamination. Always wash hands thoroughly after handling pesticides and before eating, drinking, or smoking. Clean water should be available to rinse eyes and skin in case of chemical exposure.

Section 8 – Engineering Controls and Protective Equipment

Engineering Controls:	Use only in adequately ventilated areas.
Eye Protection:	ANSI approved goggles or safety glasses with side shields are recommended.
Respiratory Protection:	None likely to be needed. NIOSH approved P class filtering face piece or respirator may be used to minimize inhalation of aerosols.
Dermal Protection:	Chemical resistant gloves, long sleeves, pants, shoes with socks.
Other Precautions:	Clean water should be available to rinse eyes and skin in case of chemical exposure. Wash thoroughly after handling. Remove and wash clothing before reuse.

Section 9 – Physical and Chemical Properties

Odor:	Strong aromatic.	Melting Point:	Not determined.
Physical State:	Liquid.	Flash Point:	110°F
Color:	Translucent yellow.	Specific Gravity:	0.86 (g/ml)
Bulk Density:	7.16 (lbs/gal)	pH:	7
Vapor Pressure:	Not determined.	Water Solubility:	Emulsifies.
Viscosity:	Not determined.	Refractive Index:	Not determined.

Section 10 – Stability and Reactivity

Flash Point:	110°F
Lower Flammability Limit:	Not determined.
Upper Flammability Limit:	Not determined.
Hazardous Polymerization:	Will not occur.
Decomposition Products:	May release irritating and toxic gases due to thermal decomposition. Products of combustion include CO, and CO ₂ .
Conditions to Avoid:	Stable under normal storage conditions. Avoid exposure to extreme temperatures.
Incompatible Materials:	Strong oxidizers.

Section 11 – Toxicity and Symptoms of Overexposure

Routes of Exposure:	Dermal, eye, inhalation, ingestion.
Skin Contact:	Slightly irritating. Slightly irritating. Permethrin may cause tingling sensation known as parasthesia. Symptoms for permethrin are reversible within 48 hrs.
Eye Contact:	Slightly irritating. May cause redness and tearing. Symptoms for permethrin reversible within 72 hrs.
Ingestion:	Permethrin is a neurotoxin. Ingestion may induce neurotoxic symptoms including diarrhea, salivation, tremors, convulsions, hyperactivity and hypersensitivity to touch or sound.
Inhalation:	May cause nasal or respiratory irritation.
Oral LD ₅₀ :	>500 mg/kg
Dermal LD ₅₀ :	>1000 mg/kg
Inhalation LC ₅₀ :	>10 mg/kg
Carcinogenicity:	<ul style="list-style-type: none">• IARC: Group 3 (not carcinogenic)• GHS: Category 2 (suspected)
Teratogenicity:	Not a teratogen.
Embryo toxicity:	None.
Reproductive Effects:	None.
Mutagenicity:	None.
Other Chronic Effects:	None.

Section 12 – Ecological Data*

Aquatic: (Permethrin)	LC ₅₀ (96h) for rainbow trout: 2.5 ug/L LC ₅₀ (96h) for Bluegill: 1.8 ug/L
Avian: (Permethrin)	LD ₅₀ Bobwhite quail- >10,000 mg/kg
Bioaccumulation:	Unlikely to bioaccumulate due to acute toxicity.
Environmental Fate:	The average half-life of permethrin in aerobic soils is 39.5 days, with a range from 11.6 to 113 days. Permethrin binds tightly to soil and is broken down primarily by microorganisms, but also by photolysis.
Summary:	This product is extremely toxic to fish. Do not apply directly to water. Drifts and runoff from treated areas may be hazardous to aquatic organisms in treated areas.

Section 13 – Disposal Considerations*

Pesticide Disposal:
Container Disposal:

Section 14 – Transportation*

DOT: Non Bulk >5 liters: Not regulated
Bulk: UN1993, Flammable liquid, n.o.s. (contains petroleum distillates),
Class 3, PG III

IATA:
IMDG:

Section 15 – Regulatory*

Section 302/TPQ:
(emergency planning) Contains no components listed under section 302.

Section 304/EHS RQ:
(release notification) Contains no components listed under section 304.

CERCLA RQ:
(release notification) Not regulated by CERCLA.

Section 311/Tier II:
(MSDS submission) Acute health hazard, delayed health hazard.

Section 313/TRI
Chemicals: Permethrin, CAS - 52645-53-1.

RCRA Haz-Waste Code(s): When disposed of as whole material: D001, Ignitable.

CAA TQ:
(air emissions) Not applicable.

EPA/FIFRA Toxicity
Category: II

EPA Signal Word: WARNING

State Specific
Regulations: Not established

International Regulations: Not established

