

Material Safety Data Sheet

Section 1 – Product Identification

Product Name: Horse & Stable Multi-Use Insecticide
 EPA Registration #: 53883-26

Manufacturer: Control Solutions Inc.
 5903 Genoa- Red Bluff
 Pasadena, TX 77507
 281-892-2500
 EPA Establishment #: 53883-TX-002

Section 2 – Chemical Composition

Material	CAS #	% by Weight	OSHA PEL/ACGIH TLV
Permethrin	52645-53-1	0.50%	None Established
Inert Ingredients	-	99.5%	None Established

Section 3 – Hazard Identification

Symptoms of Toxicity: Permethrin: Symptoms of over exposure are diarrhea, salivation, tremors, convulsions, hyperactivity and hypersensitivity to touch or sound.

Flammability: Not flammable.

Reactivity: Stable under normal storage conditions.

Carcinogenicity: Not carcinogenic.

Section 4 – First Aid

Eye Contact: Flush eyes with water for 15 minutes. Seek medical attention if irritation persists.

Inhalation: Remove affected person to fresh air. Administer artificial respiration if necessary. Call poison control center for further treatment advice.

Ingestion: Call a poison control center. Give victim 1 or 2 glasses of water, and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

Dermal Contact: Flush with plenty of water. Get medical attention if irritation persists.

Notes/Physician's Information: You may also contact SafetyCall® International (866) 897-8050 for emergency medical treatment information.

Section 5 – Fire and Explosion Hazards

Flash Point:	Will not flash	Upper Flammability Limit:	N/A
Extinguishing Media:	CO ₂ , water fog, dry chemical, foam	Lower Flammability Limit:	N/A
Special Procedures:	Use self-contained breathing apparatus. Cool fire exposed areas and equipment.		
Unusual Fire Hazards:	May release irritating and toxic gases due to thermal decomposition or combustion.		
Reactivity/Stability:	Stable. May release HCl, oxides of chlorine, CO, hydrogen and carbon. Avoid strong oxidizers and corrosives. Hazardous polymerization will not occur.		

Section 6 – Spill/Release Procedures

Absorbent:	Universal or oil-only absorbent pads, vermiculite, absorbent booms, or clay granules.
Containment:	Do not discharge into municipal wastewater or public storm drains. Eliminate runoff as much as possible.
Waste Disposal:	Dispose of waste material in municipal land-fill or through licensed TSDF. 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 – Storage and Handling Instructions

Storage Conditions:	Do not store near feed, food, or within the reach of children. Containers should be stored in a cool, dry, well-ventilated area away from flammable materials and ignition sources.
Special Handling Considerations:	Exercise caution to prevent damage to or leakage from the containers.
Container Disposal:	Do not reuse empty containers. Triple rinse (or equivalent), then offer for recycling or render unusable and dispose of in municipal landfill or with licensed TSDF.

Section 8 – Protective Equipment/Engineering Controls

Eye Protection:	Safety glasses recommended.
Respiratory Protection:	None required.
Dermal Protection:	Chemical resistant gloves.
Engineering Controls:	Use only in adequately ventilated areas.

Section 9 – Physical Data

Odor:	Mild	Melting Point:	N/A
Physical State:	Liquid	Flash Point:	None
Color:	White	Specific Gravity:	0.992 (g/ml)
Bulk Density:	See specific gravity	pH:	N/A
Vapor Pressure:	N/A	Water Solubility:	Miscible
Viscosity:	N/A	Refractive Index:	N/A

Section 10 – Toxicity

EPA Toxicity Category:	“Caution” label required	Oral LD ₅₀ :	>300 mg/kg
Skin Contact:	Mildly irritating	Dermal LD ₅₀ :	>1000 mg/kg
Eye Contact:	Mildly irritating	Inhalation LC ₅₀ :	>10 mg/kg
HMIS/NFPA Classification:	Fire - 0 Health - 0 Reactivity - 0 Special - none	Fire - 0 Health - 0 Reactivity - 0 Special - none	
Other Comments:	Avoid cross contamination. Always wash hands thoroughly after handling pesticides and before eating, drinking, or smoking.		

Section 11 – Ecological Data

Aquatic:	LC ₅₀ (96h) for rainbow trout: 2.5 ug/L LC ₅₀ (96h) for Bluegill: 1.8 ug/L
Avian:	LD ₅₀ Bobwhite quail- >10,000 mg/kg
Bioaccumulation:	Does not bioaccumulate.
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 12 – Transportation

DOT:	Not regulated.
IATA:	Not regulated.
IMDG:	Not regulated.
Federal Motor Carrier Classification:	Insecticide, Liquid, Other Than Agriculture N.O.I.B.N.

Section 13 – 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.
Section 313/TRI Chemicals:	0.5% permethrin, CAS - 52645-53-1
RCRA Haz-Waste Code(s):	None
CAA TQ: (air emissions)	None

Section 14 – Other

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 MSDS.

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