Material Safety Data Sheet

Section 1 – Product Identification

Product Name: Cyper TC EPA Registration #: 53883-92

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
Cypermethrin	52315-07-8	25.4%	None Established
Inert Ingredients	-	74.6%	Petroleum Solvent: 500 ppm

Section 3 – Hazard Identification

Symptoms of Toxicity: May produce symptoms of neurotoxicity including slurred speech,

convulsions, and staggering gait.

Flammability: Combustible liquid. Will burn if heated.

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 victim to fresh air. If not breathing, give artificial respiration. Call

poison control center for further treatment advice.

Ingestion: Call poison control center immediately. Do not induce vomiting unless

directed by physician. Do not give anything by mouth to an unconscious

person.

Dermal Contact: Wash contaminated area with soap and water for 15 minutes. Seek medical

attention if irritation persists.

Notes/Physician's

You may also contact SafetyCall® International (866) 897-8050 for emergency

Information: medical treatment information.

Section 5 – Fire and Explosion Hazards

Flash Point: 164°F Upper Flammability Limit: N/A

Extinguishing Media: Foam, CO₂, dry Lower Flammability Limit: N/A

chemical, water fog

Special Procedures: Use SCBA and full protective (bunker) clothing.

Unusual Fire Hazards: Combustible. Will form flammable vapors when heated.

Reactivity/Stability: Products of combustion include cyanide, CO, and CO₂.

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 through municipal landfill or 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 heat or open flame. Store away from foodstuffs,

feed, and children.

Special Handling Considerations: Avoid dermal contact. Take precautions to avoid damaging

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: ANSI-approved chemical goggles, face shield or safety glasses with side

shields are recommended.

Respiratory Protection: None required. Avoid breathing spray. Use NIOSH-approved P100

respirator if airborne concentrations exceed established limits.

Dermal Protection: Use chemical resistant gloves, long sleeves and pants.

Engineering Controls: Use only in adequately ventilated areas.

Other Precautions: Clean water should be available to rinse eyes and skin in case of chemical

exposure.

Section 9 – Physical Data

Odor: Aromatic hydrocarbon Melting Point: N/A

Physical State: Liquid Flash Point: 164°F

Color: Specific Gravity: 1.007 (g/ml)

Bulk Density: 8.24 (lbs/gal) pH: 3.98

Vapor Pressure: N/A Water Solubility: Emulsifies

Viscosity: N/A Refractive Index: N/A

Section 10 – Toxicity

EPA Toxicity Category: "Warning" label required Oral LD₅₀: 1000.03 mg/kg

Skin Contact: Moderate Irritant Dermal LD₅₀: >5000 mg/kg

Eye Contact: Moderate Irritant Inhalation LC₅₀: >2.06 mg/L

HMIS/NFPA Classification: Fire - 1 Health - 1 Fire - 1 Health - 1

Reactivity - 0 Special - none 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: Cypermethrin: 0.004 ug/L to 3.6 ug/L

Avian: Cypermethrin: 10,248 mg/kg

Bioaccumulation: Cypermethrin is rapidly degraded in soil with a half-life of 2 to 4 weeks. Does not

bioaccumulate in aquatic systems due to acute toxicity.

Summary: This product is highly toxic to fish and other aquatic organisms.

Section 12 – Transportation

DOT: Non Bulk: Not regulated.

Bulk: Combustible liquid, n.o.s. (contains petroleum distillates, 25.4%

cypermethrin), NA1993, PG III, marine pollutant.

IATA: Not Regulated

IMDG: UN3082, Environmentally hazardous substance, n.o.s. (25.4% permethrin), Class

9, PG III, marine pollutant

Section 13 – Regulatory

Section 302/TPO: Contains no components listed under section 302.

(emergency planning)

Section 304/EHS RQ: Contains no components listed under section 304.

(release notification)

CERCLA RQ: Not regulated by CERCLA.

(release notification)

Section 311/Tier II: Acute health hazard, fire hazard.

(MSDS submission)

Section 313/TRI 25.4% cypermethrin, CAS - 52315-07-8

Chemicals:

RCRA Haz-Waste None

Code(s):

CAA TQ: None

(air emissions)

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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