Material Safety Data Sheet

Section 1 – Product Identification

Product Name: Cyonara Pour On EPA Registration #: 53883-188

Manufacturer: Control Solutions Inc. EPA Establishment #: 53883-TX-002

> 5903 Genoa- Red Bluff Pasadena, TX 77507 281-892-2500

Section 2 – Chemical Composition

| Material | CAS# | % by Weight | OSHA PEL/ACGIH TLV |
|--------------------|------------|-------------|--------------------|
| Lambda Cyhalothrin | 91465-08-6 | 1.0% | None Established |
| Other Ingredients | - | 99.0% | None Established |

Section 3 – Hazard Identification

Symptoms of Toxicity: Causes eye and skin irritation. Lambda cyhalothrin causes neurotoxic effects

such as staggering gait, muscle spasms, and convulsions.

Combustible. Flammability:

Reactivity: Stable under normal storage conditions.

Not carcinogenic. Carcinogenicity:

Section 4 – First Aid

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

persists.

Inhalation: Move person to fresh air. If person is not breathing, give artificial respiration.

Call poison control center for further treatment advice.

Call poison control center immediately. Have person sip a glass of water if Ingestion:

> able to swallow. Do not induce vomiting unless directed to do so by poison control center. Never give anything by mouth to an unconscious person.

Dermal Contact: Remove contaminated clothing. Wash skin immediately with soap and water

for 15 minutes. Call physician if irritation persists.

Notes/Physician's

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

medical treatment information. Information:

Section 5 – Fire and Explosion Hazards

Flash Point: >150°F Upper Flammability Limit: N/A

Extinguishing Media: Water fog, foam, Lower Flammability Limit: N/A

CO₂, dry chemical.

Special Procedures: Use SCBA with full protective (bunker) gear.

Unusual Fire Hazards: Combustible. Toxic runoff may result from firefighting.

Reactivity/Stability: Stable. May release hazardous combustion products such as CO, CO₂,

halogen acids, cyanuric acid, NO_x, and NH₃. Avoid strong oxidizers and

corrosives. Hazardous polymerization will not occur.

Section 6 – Spill/Release Procedures

Absorbent: Absorb with universal or oil-only absorbent pads, vermiculite, absorbent

booms, or clay granules. Rinse area with water and absorb rinse in similar

manner.

Containment: This product is toxic to aquatic organisms. Do not discharge spills into

municipal wastewater or 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: Reuse of empty pesticide containers is prohibited. Triple rinse (or

equivalent), then offer for recycling or render unusable and dispose

of in municipal landfill or through licensed TSDF.

Section 8 – Protective Equipment/Engineering Controls

Eye Protection: End User: None required. Safety glasses recommended.

Manufacturing: Safety goggles or glasses with side-shields required.

Respiratory Protection: None required. Use MSHA/NIOSH approved respirator when necessary.

Dermal Protection: Refer to product labeling. Skin contact should be prevented by use of gloves,

long-sleeved shirt, and long pants. Wash contaminated clothing separately.

Engineering Controls: Manufacturing: Provide local exhaust ventilation.

End User: Refer to label instructions regarding application equipment.

Other Precautions: Clean water should be available to allow for flushing of skin and eyes in the

event of chemical exposure.

Section 9 – Physical Data

Odor: Mild chemical solvent Melting Point: N/A

Physical State: Liquid Flash Point: >150°F

Color: Specific Gravity: 0.964 (g/ml)

Bulk Density: See specific gravity pH: 7.58

Vapor Pressure: N/A Water Solubility: Negligible

Viscosity: 17.5 cTs Refractive Index: N/A

Section 10 – Toxicity

EPA Toxicity Category: IV, Caution Oral LD₅₀: >300 mg/kg

Skin Contact: Mildly irritating Dermal LD₅₀: >1000 mg/kg

Eye Contact: Slightly irritating Inhalation LC₅₀: >2.2 mg/L

HMIS/NFPA Classification: Fire - 0 Health - 2 Fire - 0 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: Lambda cyhalothrin: $LC_{50} = 0.36 \text{ ug/L}$ (rainbow trout).

Avian: Lambda cyhalothrin: $LD_{50} = 3950 \text{ mg/kg}$ (mallard duck).

Bioaccumulation: Does not bioaccumulate.

Summary: This material is toxic to fish. Untreated effluent from cleaning should not be

discharged where it will drain into lakes, streams, or ponds.

Section 12 – Transportation

DOT: Non Bulk: Not regulated.

(Highway) Bulk: UN3082, Environmentally hazardous substance, liquid, n.o.s. (1%

lambda cyhalothrin), Class 9, PG III.

IATA: Not Regulated.

IMDG: UN3082, Environmentally hazardous substance, liquid, n.o.s. (1% lambda

(Overseas) cyhalothrin), Class 9, PG III.

Section 13 – Regulatory

Section 302/TPQ: 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 under CERCLA.

(release notification)

Section 311/Tier II: Health hazard: Acute.

(MSDS submission)

Section 313/TRI None.

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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