

**RAINBOW TECHNOLOGY CORPORATION
SAFETY DATA SHEET****Effective Date** August 19, 2010**Section 1 – Manufacturer Information**

Manufacturer/Distributor: Rainbow Technology Corporation 800.637.6047
Contact Person: Larry Joe Steeley, Jr.
Emergency Phone # (24 HRS): Chem-Tel Inc. 800.255.3924
Trade Name: Rainbow Fire Ant and Insect Control
Product Number: 4488
Issue Date: August 19, 2010
Replaces MSDS Dated: New

Section 2 – Composition / Information on Ingredients

Component Name	CAS Number	% by Weight	Exposure Limits
Crystalline silica as Quartz	14808-60-7	0 to 9.8	Not Determined
Deltamethrin	52918-63-5	0.125	PEL 15 mg/m ³ (total) 5 mg/m ³ (respirable) OSHA TLV 10 mg/m ³ (total) 5 mg/m ³ (respirable) ACGIH

Section 3 – Hazard Identification

Threshold Limit Value: Not Determined
Primary Route of Exposure: Dermal, oral, eyes
Effects of Overexposure:
Eyes: No corneal involvement; minimal effects clearing within 24 hours.
Skin: Score: 0.2; not a primary irritant; no irritation at 72 hours; not a contact sensitizer
Dermal Toxicity: Acute dermal LD₅₀:>5.1 g/kg
Inhalation: Acute inhalation LC₅₀:>2.27 mg/L
Ingestion: Acute oral LD₅₀:>5.1 g/kg
Carcinogenicity: See Section 15

Section 4 – First Aid Measures

Eyes: Flush eyes with plenty of water. Call a physician if irritation persists.
Skin: Wash with soap and water. Call a physician if irritation persists.
Ingestion: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

Section 5 – Fire Fighting Measures

Flash Point: Not Applicable
Flammable Limits: Not Applicable
Fire Extinguishing Media: Use extinguishing media appropriate for surrounding fire: foam, dry chemical, water or CO₂ extinguishers are recommended. Water is

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preferred.

Special Fire-Fighting Procedures: Fire fighters should use self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear. Remove all unprotected persons from the area. Contain and isolate runoff and debris for proper disposal. Notify authorities if liquid enters sewer/public waters.

Unusual Fire and Explosion Hazards: Toxic fumes from burning containers and packaging may cause inhalation hazard.

Section 6 – Accidental Release Measures

Spill: This product is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Sweep up material and place into suitable containers for use or disposal.

Waste Disposal: Pesticide Disposal: Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Do not reuse empty container. Securely wrap and discard in trash.

Section 7 – Handling and Storage

Handling/Storage: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read entire label before using. Use strictly in accordance with label precautionary statements and directions. Store in a clean, dry place. Protect container from rupture during transport and storage.

Section 8 – Exposure Controls/Personal Protection

Respiratory Protection: A NIOSH approved respirator is recommended for poorly ventilated application areas.

Ventilation: Normal

Protective Clothing: Impervious gloves

Eyes: Safety glasses

Section 9 – Physical and Chemical Properties

Appearance:	Granular solid	Melting Point:	Not Applicable
Odor:	Moderate aromatic solvent	Vapor Pressure:	Not Applicable
Bulk Density:	0.583 g/cm ³ (36.4 lb/ft ³)	Vapor Density:	Not Applicable
Solubility in Water:	Not Applicable	Evaporation Rate:	Not Applicable
Boiling Point:	Not Applicable		

Section 10 – Stability and Reactivity

Stability: Stable

Conditions to avoid: Sources of ignition

Incompatibility: Turpentine, vegetable oil, other unsaturated organic compounds, hydrofluoric acid, caustics and oxidizing agents.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, toxic and corrosive fumes of

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bromide and toxic oxides of Nitrogen or Carbon.

Hazardous Polymerization: Will not occur**Section 11 – Toxicological Information**

Eye Effects: Moderately irritating (rabbit)
Skin Effects: Irritation (rabbit): Non-irritating
 Absorption (rabbit): LD50 > 5,050 mg/kg
 Sensitization (guinea pig): Negative

THE FOLLOWING DATA WERE DEVELOPED WITH: deltamethrin technical, the active ingredient.

Chronic (cancer information):

Deltamethrin technical is not carcinogenic based on animal studies.

Carcinogenicity: NTP: No IARC: No OSHA: No

Teratogenicity (Birth Defects)

Deltamethrin is not considered to be teratogenic based on animal studies.

Section 12 – Ecological Information**Ecological Information**

ENVIRONMENTAL HAZARDS: This product is extremely toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Use with care when applying in areas adjacent to any body of water. Do not contaminate water when disposing of equipment washwaters.

Section 13 – Disposal Information

Handling/Storage: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read entire label before using. Use strictly in accordance with label precautionary statements and directions. Store in a clean, dry place. Protect container from rupture during transport and storage.

Section 14 – Transportation Information

Proper Shipping Name: Not DOT regulated

Section 15 – Regulatory Information (Not meant to be all inclusive - selected regulations represented)

TSCA Listed: This product contains 0.125 Deltamethrin (CAS No. 52918-63-5). The remaining composition (99.875%) is inert ingredients.
 The solvent and all ingredients in the surfactants are listed on the TSCA Section 8(b) Inventory.

This product may contain a small amount of naturally occurring crystalline silica as quartz. The IARC, in Monograph 42, has concluded that there is 'limited evidence' of crystalline silica's human carcinogenicity. OSHA Hazard Standard requires labeling of materials containing $\geq 0.1\%$ crystalline silica (pesticides exempt).

This product does not contain any chemicals subject to the SARA Section 313 reporting requirements.

Section 16 – Other Information**HMIS – Hazardous Materials Identification System**

HMIS Rating	
Health	1
Flammability	1
Reactivity	0

0 - minimal hazard, 1 - slight hazard, 2 - moderate hazard, 3 - serious hazard, 4 - severe hazard

The information provided herein was believed to be accurate at the time of preparation and prepared from a compilation of sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of this product, and to determine the suitability of the product for its intended use.