

Section 5 – Firefighting Measures

Flash Point:	>90°C (194°F)
Extinguishing Media:	Water fog, CO ₂ , foam, dry chemical.
Procedures:	Treat as an oil fire. Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water spray.
Unusual Fire Hazards:	Chemical fires have potential to emit hazardous decomposition products. Refer to Section 10 for more information.

Section 6 – Accidental Release Measures

Absorbent Materials:	Universal or oil-only absorbent pads, booms, vermiculite, or clay granules.
Containment:	Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. 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:	Avoid contact. ANSI approved safety glasses with side shields are recommended.
Respiratory Protection:	None likely to be needed. Wear a NIOSH approved organic vapor respirator in absence of proper mechanical ventilation.
Dermal Protection:	Avoid contact. Chemical resistant gloves are recommended.
Other Precautions:	Wash thoroughly after handling. Remove and wash clothing before reuse.

Section 9 – Physical and Chemical Properties

Odor:	Mild sweet odor.	Melting Point:	Not established.
Physical State:	Liquid.	Flash Point:	See Section 10.
Color:	Clear, amber.	Specific Gravity:	0.9311 g/ml
Bulk Density:	See specific gravity.	pH:	5.3
Vapor Pressure:	Not established.	Water Solubility:	Disperses in water.
Viscosity:	18 cps @ 21.5°C	Refractive Index:	Not established.

Section 10 – Stability and Reactivity

Flash Point:	>90°C (194°F)
Lower Flammability Limit:	Not established.
Upper Flammability Limit:	Not established.
Hazardous Polymerization:	Will not occur.
Decomposition Products:	May release irritating and toxic gases due to thermal decomposition. Products of combustion include cyanide, CO, and CO ₂ .
Conditions to Avoid:	Stable under normal storage conditions. Avoid exposure to extreme temperatures.
Incompatible Materials:	Strong oxidizers, acids, and alkalis.

Section 11 – Toxicity and Symptoms of Overexposure

Routes of Exposure:	Dermal, eye, inhalation, ingestion.		
Skin Contact:	Non-irritating.		
Eye Contact:	Conjunctival irritation. Symptoms reversible in 7 days.		
Ingestion:	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 :	= 5.04 g/kg		
Dermal LD ₅₀ :	> 2.0 g/kg		
Inhalation LC ₅₀ :	> 11.07 mg/L		
Carcinogenicity:	IARC: Group 3 (not carcinogenic)		
Reproductive Effects:	None.		
Teratogenicity:	None.	Mutagenicity:	None.
Embryo toxicity:	None.	Other Chronic Effects:	None.

Section 12 – Ecological Data*

Aquatic:	Not available.
Avian:	Not available.
Bioaccumulation:	Not available.
Environmental Fate:	Not available.
Summary:	Care should be taken to avoid contamination of the aquatic environment.

Section 13 – Disposal Considerations*

Pesticide Disposal:	Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.☒
Container Disposal:	<p>For Containers equal to or less than 5 Gallons : Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available. If recycling is not available: then dispose of container in a sanitary landfill or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.</p> <p>For Containers greater than 5 Gallons: Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling if available. If recycling is not available: then dispose of container in a sanitary landfill or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.</p> <p>For Bulk containers: (Refillable Container) Refill this container with pesticides only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the re-filler. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or re-circulate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.</p>

Section 14 – Transportation*

DOT:	Not regulated.
IATA:	Not regulated.
IMDG:	Not regulated.

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.
Section 313/TRI Chemicals:	Contains no Section 313 chemicals
RCRA Haz-Waste Code(s):	Not a hazardous waste.
CAA TQ: (air emissions)	None.
EPA/FIFRA Toxicity Category:	III
EPA Signal Word:	CAUTION
State Specific Regulations:	Not established
International Regulations:	Not established

Section 16 – Other

HMIS Classification:	Fire - 2 Health - 2 Reactivity - 1
Date of Last Revision:	October 3, 2011
Hazcom Training Necessary:	Yes.

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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*Section is not required by 29 CFR 1910.1200 the Hazcom standard, but is provided for compliance with United Nations Globally Harmonized System (GHS).