
SECTION 4: FIRST AID MEASURES

General: Remove from source of exposure. If irritation or other signs of toxicity occur, seek medical attention.

Eyes: Hold eye open and rinse slowly and gently with plenty of water for at least 15 minutes. If present, remove contact lenses and continue rinsing eye.

Skin: Remove contaminated clothing. Thoroughly wash skin with plenty of soap and water.

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

Ingestion: Call a doctor immediately if a large amount is swallowed. Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person.

Note to Physicians and First Aid Providers: This product has low oral and dermal toxicity, and is expected to have low inhalation toxicity. Direct contact with eyes may cause temporary irritation. Provide symptomatic and supportive care as necessary.

SECTION 5: FIRE-FIGHTING MEASURES

General: Use methods and protective gear that are appropriate for the conditions and size of the fire.

Extinguishing Media: Use appropriate media for underlying cause and combustibles involved in the fire.

Special Equipment: Self-contained breathing apparatus and full protective gear according to the conditions and size of the fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear suitable protective clothing such as long-sleeved shirt, pants, waterproof gloves and shoes with socks. If conditions warrant, use a respirator, safety goggles or face shield, and chemical-resistant boots

Methods for Clean Up: Avoid generating dust during clean up. Recover the product and prevent it from entering drainage systems, if possible. After the product has been recovered, rinse the area and any contaminated materials/equipment with detergent and water. Dispose unrecoverable product, rinsate, or rinsate solids on site or at an approved disposal facility.

Section 6 Notes: Refer to section 8 for personal protection and section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

Handling: Use handling procedures that minimize formation of dust.

Storage: Store in a cool, dry, well-ventilated place in original container. Keep container closed when not in use. Containers should be stored out of direct sunlight. Do not contaminate other pesticides, fertilizers, water, or feed by storage or disposal.

Section 7 Notes: Avoid contact with skin, eyes and clothing. Avoid inhalation of dust. Wash any contamination from skin or eyes immediately. Wash hands and exposed skin before eating, drinking, smoking or using the toilet.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

General: Protective clothing should be selected according to the conditions likely to be encountered in the workplace. Applicators should follow label instructions. No exposure limits have been established.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION continued

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to reduce airborne exposure at locations/operations where dust may be generated.

Personal Protective Equipment:

Respiratory: Use a dust-filtering face mask or a NIOSH approved respirator with any N, R, P or HE filter for biological products.

Eyes and Face: Chemical safety goggles or safety glasses with side shields.

Hands/Skin: Gloves made from chemically resistant material such as neoprene, vinyl, rubber, or nitrile.

Other Clothing: Wear suitable protective clothing such as long-sleeved shirt, pants, and shoes with socks.

Hygienic Practices: Wash hands and exposed skin before eating, drinking, smoking or using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid, off-white powder
Odor: Slight odor
Boiling Point: Not Applicable
Density: 0.78 gram/ml
Solubility in Water: 29 mg/ml
pH as Supplied: Not Applicable
pH (Other): 4.38 (1% aqueous dispersion)

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable, material is non-reactive.

Conditions to Avoid: High temperatures (> 40° C) and moisture.

Materials to Avoid: Alkali materials

Hazardous Decomposition Products: None that are known.

Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Possible Routes of Entry: Inhalation, eyes, and skin

Potential Health Effects from Over-exposure

Skin/ Eye Irritation: Direct contact with skin or eyes may cause irritation in some individuals. Prolonged or repeated skin contact may cause allergic reactions in some individuals.

Inhalation: Inhalation of dust may cause respiratory tract irritation in some individuals.

Acute studies on a similar formulation:

Acute Oral LD ₅₀ (Rat):	> 2,000 mg/kg	Eye Irritation (Rabbit):	Nonirritating
Acute Dermal LD ₅₀ (Rabbit)	> 2,000 mg/kg	Dermal Irritation (Rabbit):	Nonirritating
Acute Inhalation LD ₅₀ (Rat):	> 5.20 mg/L	Sensitization (Guinea Pig):	Nonsensitizer

Section 11 Notes: None of the components of this product are listed as carcinogenic by NTP, IARC, or OSHA. No mutagenic or teratogenic effects.

SECTION 12: ECOLOGICAL INFORMATION

Ecological Information: This product is not persistent and is not expected to impose any environmental risk.

Ecotoxicity Information: Aquatic toxicity tests with *Daphnia magna* resulted in a 48 hour EC50 > 100 mg/L and a 48 hour ED100 > 100 mg/L. No adverse effects were reported in tested nontarget organisms.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Method: Open dumping or burning of this material or its packaging is prohibited. If spilled material cannot be disposed of by use according to label instructions, one acceptable method of disposal is to incinerate in accordance with local, regional, and national environmental regulations.

Empty Container: Completely empty package into application equipment, rinse with water and add rinsate to application equipment. Dispose of empty package in accordance with applicable environmental regulations.

Section 13 Notes: Regulatory requirements are subject to change and acceptable methods of disposal can vary by location. The appropriate agencies should be contacted for advisement prior to disposal.

SECTION 14: TRANSPORT INFORMATION

Land: ADR / RID Class: Not controlled under ADR (Europe)

Water: IMDG Class: Not controlled under IMDG

Air: IATA – DGR Class: Not controlled under IATA

Other: U.S. DOT: Not Regulated

Freight Classification: Insecticides, Fungicides N.O.I., Other Than Poisons. NMFC 155050 Class 60

SECTION 15: REGULATORY INFORMATION

US EPA SARA: No acute or chronic health hazards. No fire, release of pressure, or reactivity hazards.

Registration Information

US: EPA Reg. No. 80289-9-69592

SECTION 16: OTHER INFORMATION

Reason for Revision: New Product MSDS.

Supersedes MSDS dated: Not Applicable

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