

# MATERIAL SAFETY DATA SHEET

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EMERGENCY (24-HOUR) INFORMATION CALL CHEMTREC (800)424-9300  
EPA NATIONAL RESPONSE CENTER (800)424-8802

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## SECTION I: IDENTIFICATION OF PRODUCT

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**Product Name:** Green Leaf 0-28-26 Liquid Plant Food  
**Product Class:** Foliar fertilizer, liquid

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## SECTION II: HAZARDOUS INGREDIENTS

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**CHEMICAL**

**CAS NO.**

None

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## SECTION III: EMERGENCY/HAZARDS OVERVIEW

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Clear liquid with no odor. Avoid contact with strong alkalies, acids, and oxidizing agents. Burning may result in formation of nitrogen oxides. Not a D.O.T. hazardous material.

**HEALTH: 1    REACTIVITY: 0    FLAMMABILITY: 0    ENVIRONMENT: 1**  
( 0=Insignificant   1=Slight   2=Moderate   3=High   4=Extreme )

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## SECTION IV: PHYSICAL AND CHEMICAL DATA

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**Boiling Point:** 100<sup>o</sup>C (212<sup>o</sup>F)

**% Volatile by Weight:** Not Available

**Vapor Density:** Estimated lighter than air

**Solubility In Water:** Soluble

**Density:** 11.6 lbs/gal

**Appearance:** Clear liquid

**Odor:** None

**Octanol/Water Partition Coefficient:** Not Available

**Saturated Vapor Concentration:** Not Available

**Freezing Point:** Not Available

**pH:** Not Available

**Vapor Pressure (mm Hg):** Not Determined

**Evaporation Rate:** Not Available

**Viscosity:** Not Available

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## SECTION V: FIRE AND EXPLOSION DATA

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**Flash Point:** N/A  
**LEL Flammable Limits:** Not Pertinent  
**Autoignition Temperature:** Not Pertinent  
**Properties that Initiate/Contribute to Intensity of Fire:** None  
**Potential for Release of Flammable Vapors:** None  
**Potential for Dust Explosion:** None  
**Reactions that Release Flammable Gases or Vapors:** Not Known  
**Unusual Fire & Explosion Hazards:** None  
**Extinguishing Media:** Dry chemical, CO<sub>2</sub>, foam, water spray or fog.  
**Known Hazardous Products of Combustion:** None  
**Special Firefighting Procedures:** Wear positive pressure, self-contained breathing apparatus and goggles. Avoid smoke inhalation. Contain any liquid runoff.

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## SECTION VI: REACTIVITY DATA

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**Stability:** Stable  
**Hazardous Polymerization:** Will not occur  
**Conditions To Avoid:** Avoid mixing with strong acids, bases or oxidizers.  
**Incompatibility:** Strong oxidizers and water reactive materials  
**Hazardous Decomposition Products:** Phosphorous oxides, phosphine

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## SECTION VII: HEALTH HAZARD DATA

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### EFFECTS OF OVEREXPOSURE / EMERGENCY AND FIRST AID PROCEDURES

**Eyes:** Wear chemical dust/splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling. If contact occurs, flush eyes immediately with water for at least 15 minutes. Call a physician if irritation persists.

**Skin:** Wear impervious gloves and clothes. If contact occurs, wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Call a physician if skin becomes irritated.

**Ingestion:** If conscious and alert, drink water or milk to dilute, then induce vomiting. Call a physician or Poison Control Center Immediately.

**Respiratory Protection:** Not normally needed. If use generates an aerosol mist or respiratory irritation, use NIOSH- approved dust/mist respirator (3M #8710).

**Inhalation:** If vapors or mist causes irritation or distress, remove to fresh air and call a physician.

**Ventilation:** Recommended but no TLV established.

### ACUTE EFFECTS

**Eyes:** Moderate irritant. May cause redness and burning.

**Skin:** Irritant, especially from prolonged exposure. Causes redness, drying and cracking.

**Ingestion:** May cause stomach cramps and/or nausea.

**Inhalation:** None expected but inhalation of aerosol mist may cause mild irritation of nasal mucous membranes.

### SUBCHRONIC EFFECTS

None Known

### CHRONIC EFFECTS

None Known

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## SECTION VIII: SPILL, LEAK, AND DISPOSAL PROCEDURES

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Contain all spills and leaks to prevent discharge into the environment. If spilled, use appropriate absorbent material to absorb the spilled material and flush spilled area with water. Consult local waste regulators for proper disposal.

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## SECTION IX: HANDLING AND STORAGE

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**Storage:** Store in plastic or stainless steel container in a cool, well-ventilated, dry place at temperatures above 40°F. Do not store in contact with brass. Do not store near food or feeds. Do not stack pallets more than two (2) high.

**Transfer Equipment:** Transfer product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc.

**Work/Hygienic Practices:** Keep out of reach of children. Avoid contact with eyes, skin and clothing. Avoid inhalation of spray mists. Wash thoroughly with water after handling.

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## SECTION X: D.O.T, REGULATORY, AND GENERAL INFORMATION

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**D.O.T. Shipping Description:** Not D.O.T. Regulated

**Other Shipping Information:** Fertilizing Compounds (Manufactured), Liquid. NMFC Item 68140 Sub 6, LTL Class 70

**CERCLA:** None

**SARA TITLE III, Section 313 Toxic Chemicals:** None

**PROPOSITION 65 (CA):** Warning: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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