

MATERIAL SAFETY DATA SHEET

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

SECTION I: IDENTIFICATION OF PRODUCT

Product Name: Agri-Trend Soluble 9-15-36
Product Class: Dry fertilizing mixture, water soluble

SECTION II: HAZARDOUS INGREDIENTS

CHEMICAL

CAS NO.

None

SECTION III: EMERGENCY/HAZARDS OVERVIEW

Fine pale blue odorless crystal. No immediate health hazard except nuisance dust. Noncombustible but thermal degradation may produce irritating/toxic fumes of ammonia or nitrogen oxides. Stay upwind of smoke. Not D.O.T. regulated.

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

SECTION IV: PHYSICAL AND CHEMICAL DATA

Boiling Point: Not Pertinent

% Volatile by Weight: Not Pertinent

Vapor Density: Not Pertinent

Solubility In Water: Soluble

Density: 25lbs

Appearance: Fine, pale blue crystals

Odor: None

Octanol/Water Partition Coefficient: Not Available

Saturated Vapor Concentration: Not Pertinent

Freezing Point: Not Pertinent

pH: Not Available

Vapor Pressure (mm Hg): Not Pertinent

Evaporation Rate: Not Pertinent

Viscosity: Not Pertinent

SECTION V: FIRE AND EXPLOSION DATA

Flash Point: Noncombustible
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: Not Known
Reactions that Release Flammable Gases or Vapors: Not Known
Unusual Fire & Explosion Hazards: None
Extinguishing Media: Not Pertinent
Known Hazardous Products of Combustion: Thermal degradation may produce irritating/toxic fumes of ammonia or nitrogen oxides.
Special Firefighting Procedures: Stay upwind of smoke. Wear positive pressure, self-contained breathing apparatus and goggles. Contain any liquid runoff.

SECTION VI: REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: Will not occur
Conditions To Avoid: None Known
Incompatibility: None Known
Hazardous Decomposition Products: During extremely high temperature fire conditions, the product may reach melting point and decompose to release NH₃, PO_x, or CN.

SECTION VII: HEALTH HAZARD DATA

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 but recommended NIOSH- approved dust/mist respirator (3M #8500) for nontoxic nuisance dust. If use generates an aerosol mist or respiratory irritation, use NIOSH-approved dust/mist respirator (3M #8710)

Inhalation: If dust causes irritation or distress, remove to fresh air, blow nose to remove dust and call a physician.

Ventilation: Recommended but no TLV established.

ACUTE EFFECTS

Eyes: Mild irritant. May cause redness.

Skin: Mild irritant, especially from prolonged exposure. May cause redness.

Ingestion: May cause stomach cramps and/or nausea.

Inhalation: Inhalation of nuisance dust may cause coughing, sneezing and/or mild irritation of nasal mucous membranes.

SUBCHRONIC EFFECTS

None Known

CHRONIC EFFECTS

None Known

SECTION VIII: SPILL, LEAK, AND DISPOSAL PROCEDURES

Contain all spills and leaks to prevent discharge into the environment. If spilled, sweep up and use according to labeling or package for disposal. If chemical additions or alterations were made, consult a local waste regulator for proper disposal.

SECTION IX: HANDLING AND STORAGE

Storage: Store in a cool, dry place. Do not store near food or feeds. Do not stack pallets more than two (2) high.

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

Work/Hygienic Practices: Keep out of reach of children. Harmful if swallowed or inhaled. Avoid contact with eyes, skin and clothing. Avoid breathing dusts or spray mist. Wash thoroughly with water after handling.

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

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

Other Shipping Information: Fertilizing compounds (Manufactured), dry. NMFC Item 68140 Sub 6, LTL Class 60

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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