Material Safety Data Sheet

Romeo Brand Fertilizers

Manufacture: Romeo Packing Company
106 Princeton Ave.
Half Moon Bay, CA 94019

Emergency Phone: 800-535-5053
Non-Emergency: 650-728-3393
January 6, 2003

I. Material Identification

Chemical Name:	Compound Fertilizer Mix
Product Name:	Romeo Fertilizer
Analysis:	18-10-20

II. Hazardous Ingredients / Identities

Material	CAS #	OSHA PEL	ACGIH TLV
Potassium Nitrate	7757-79-1	None	None
Ammonium Phosphate	7722-76-1	None	None
Magnesium Nitrate	10377-60-3	None	None
Ammonium Nitrate	6484-52-2	None	None
Iron EDTA	15708-41-5	None	None
Manganese EDTA	15375-84-5	None	None
Copper EDTA	14025-15-1	None	None
Trisodium Nitrilotriacetate	5064-31-3	N/A	N/A
Sodium Borate	1330-43-4	10 mg/m3	None
Sodium Molybdate	7631-95-0	5 mg(Mo)/m3	5 mg(Mo)/m3

III. First Aid Procedures

Ingestion: Do not induce vomiting; drink warm water or milk. Low toxicity in small amounts. Large amounts may cause nitrate poisoning. Consult a physician.

Inhalation: If moderate discomfort to throat or nose, remove to fresh air and support respiration. Call physician if discomfort persists.

Eyes: Flush eyes with water for 15 minutes. Call a physician if discomfort persists.

Skin: Wash with soap and water if aggravation occurs. Call a physician if discomfort persists.

IV. Fire Fighting Measures

Extinguishing Media: Water Spray - material is essentially non-flammable

Special Fire Fighting Procedures: Self-contained air-supply to protect from oxides of nitrogen.

Unusual Fire Hazards: Noxious fumes may form. Oxides of nitrogen. Potassium Nitrate is an oxidizer and therefore increases the intensity of any fire ant the possibility of explosion when contaminated with organic reducing agents.

V. Accidental Release Measures

If Spill Occurs: If material is uncontaminated, collect into clean container for use. If contaminated, scoop into containers for disposal. Inform authorities immediately if sewers or watercourses are contaminated.

VI. Handling and Storage

Store in a cool dry area. Keep out of reach of children and domestic animals.

VII. Exposure Controls/Personal Protection

Ventilation Protection: Provide local or general ventilation to keep dust below ACGIH nuisance dust limit of 10mg/m3. Applicators should stand upwind.

Respiratory Protection: NIOSH/MSHA approved respirator should be used if dust exposure exceeds levels of 10mg/m3.

Protective Clothing: None usually required. Those with sensitive skin should use long sleeves and gloves.

Eye Protection: Use of safety glasses is recommended.

VIII. Physical and Chemical Properties

Boiling Point:	Decomposes @750	**% Volatiles by vol**.:	None listed
Melting Point:	630 (F)	**Vapor pressure:**	N/A
Density:	60 lbs./cub. Ft.	**Reaction w/water:**	Not listed
Flashpoint:	Non flammable		
pH:	Non listed		
Appearance:	Blue and white crystals, slight ammonia odor		
Extinguish Media:	Use media suitable to extinguish source of fire.		
Solubility in water:	31.6g/100g&68 F		
% Volatiles by vol.:	None listed.		
Vapor pressure:	N/A		
Reaction w/water:	Not listed		

IX. Stability and Reactivity

Stability:	Stable in normal usage and storage.
Conditions to avoid:	Do not mix with oxidizable materials.
Incompatibility:	None listed
Hazardous Decomposition Products:	Decomposes on heating to nitrogen oxides.
Hazardous Polymerization:	Will not occur

X. Toxicology Information

Ingestion: Acute oral toxicity (rat) LD50: 6600 mg/kg for potassium sulfate.

XI. Other Information

Flash Point (Test Method): Non-flammable

Auto-ignition Temperature: Non-applicable

Hazard rating: **Health:** 1 **Fire:** 0 **Reactivity:** 0 **Specific:** N/A

Flammable Limits (% by volume): **Lower:** N/A **Upper:** N/A