

Material Safety Data Sheet

Romeo Brand Fertilizers

Manufacture: Romeo Packing Company Emergency Phone: 800 -535-5053
106 Princeton Ave. Non Emergency: 650 -728-3393
Half Moon Bay, CA 9401 9 January 13, 2003

I. Material Identification

Chemical Name: Compound Fertilizer Mix
Product Name: Romeo Fertilizer
Analysis: 20-5-11

II. Hazardous Ingredients

<u>Material</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Ammonium Nitrate	6484-52-2	None	None
Ammonium Phosphate	7783-28-0	None	None
Calcium Phosphates	7758-23-8 7757-93-9 7758-87-4	None	None
Potassium Sulfate	7778-80-5	None	None
Potassium Nitrate	7757-79-1	None	None
Methylene Urea	9011-05-6	None	None
Ureaform	9011-05-3	None	None
Ferrous Sulfate	7720-78-7	1.0mg/m ³	1.0mg/m ³
Manganese Sulfate	7785-87-7	5mg(Mn)/m ³	5mg(Mn)/m ³
Copper Sulfate	7785-87-7	1mg/m ³	1mg/m ³
Zinc Sulfate	7733-02-0	None	None

III. First Aid Procedures

Ingestion: Drink warm water, milk, or activated charcoal and induce vomiting by touching back of throat with finger. Consult 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 physician if discomfort persists.

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

IV. Fire Fighting Measures

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

Special Fire Fighting Procedures: Do not breathe fumes. Wear self-contained breathing apparatus. Remove from area of fire at first opportunity.

Unusual Fire Hazards: If heated to decomposition, will give off toxic fumes.

V. Accidental Release Measures

If Spill Occurs: If material is uncontaminated, collect into clean container for reuse. If contaminated, scoop into containers for disposal. Inform authorities immediately if sewers or water courses 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 10 mg/m³. Applicators should stand upwind.

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

Protective Clothing: None usually required. Long sleeves and gloves should be used by those with sensitive skin.

Eye Protection: Use of safety glasses is recommended.

VIII. Physical and Chemical Properties

Boiling Point:	Not applicable	% Volatiles by vol :	None listed
Melting Point:	Decomposes on heating	Vapor pressure:	N/A
Density:	60 lbs./cub. Foot.	Reaction w/water:	Not listed
Flashpoint:	Nonflammable		
pH:	Nonlisted		
Appearance:	Blue, beige and gray spherical prills.		
Extinguish Media:	Use media suitable to extinguish source of fire.		
Solubility in water:	Approximately 10% insoluble in water at room temperature.		
% 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:	None listed
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