

Material Safety Data Sheet

Romeo Brand Fertilizers

Manufacture: Romeo Packing Company Emergency Phone: 800 -535-5053
106 Princeton Ave. NonEmergency: 650 -728-3393
Half Moon Bay, CA 94019 January 6, 2003

I. Material Identification

Chemical Name: Compound Fertilizer Mix
Product Name: Romeo Fertilizer
Analysis: 2-10-10

II. Hazardous Ingredients

| <u>Material</u> | <u>CAS#</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> |
|-------------------|-------------|-------------------------|-------------------------|
| Calcium Phosphate | 7758-23-8 | None | None |
| | 7757-93-9 | None | None |
| | 7758-87-4 | None | None |
| Calcium Sulfate | 7778-18-9 | None | None |
| Dolomite | 16389-88-1 | .1 mg/m ³ | .1 mg/m ³ |
| Ferrous Sulfate | 7720-78-7 | 1.0 mg/m ³ | 1.0 mg/m ³ |
| Manganese Sulfate | 7785-87-7 | 5 mg(Mn)/m ³ | 5 mg(Mn)/m ³ |
| Zinc Sulfate | 7733-02-0 | None | None |
| Potassium Sulfate | 7778-80-5 | None | None |

III. First Aid Procedures

Ingestion: Drink warm water, milk, or activated charcoal and induce vomiting by touching back of throat with a 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.
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.: | Non listed |
| Melting Point: | Decomposes on heating | Vapor pressure: | N/A |
| Density: | 70 lbs./cub. foot | Reaction w/water: | Not listed |
| Flashpoint: | Non flammable | | |
| pH: | Non listed | | |
| Appearance: | Off-white powder with blue and gray spherical prills. | | |
| Extinguish Media: | Use media as suitable to extinguish source of fire. | | |
| Solubility in water: | Approximately 10% insoluble in water at room temperature. | | |
| % Volatiles by vol.: | Non listed. | | |
| Vapor pressure: | N/A | | |
| Reaction w/water: | Not listed | | |

IX. Stability and Reactivity

| | |
|--|---|
| Stability: | Stable in normal usage and storage. |
| Conditions to avoid: | Non listed |
| Incompatibility: | Non listed |
| Hazardous Decomposition Products: | Decomposes on heating to nitrogen oxides. |
| Hazardous Polymerization: | Will not occur |

X. Toxicology Information

Ingestion: Acute oral toxicity (rat) LD₅₀: 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