

**Ecology Controls M-Binder**  
**Material Safety Data Sheet**

**I Product Identification**

1. Trade Name: Ecology Control M-Binder
2. Chemical Name, Common Names: Organic Plant and seed concentrate
3. Manufacturer or Distributor Name: **Ecology Controls c/o S&S SEEDS**
4. Address: **P.O. Box 1275, Carpinteria, CA 93013**
5. Business Phone: **805/684-0436**
6. Date this Materials Safety Data Sheet was prepared 2/11/02

**II Hazardous Ingredients: Chemical Name, Cas No., ACGIH. (TLV) OSHA (PEL)**

No toxic chemicals subject to reporting requirements of the OSHA Hazard Communication Standard are present.

**III Physical Properties**

1. Vapor Density (air = 1): N/A
2. Specific Gravity: > 1
3. Solubility in Water: Negligible
4. Vapor Pressure, mmHg at 20° C: N/A
5. Evaporation Rate (Butyl Acetate = 1): N/A
6. Melting Point or Range, °F: Not Established
7. Boiling Point or Range, °F: N/A
8. Appearance and Odor: Tan, powdered material. No odor.
9. How to detect this substance (warning properties of substance as a gas, vapor, dust, or mist): Airborne dust may be irritating to eyes and respiratory tract.

**IV Fire and Explosion Hazard Data**

1. Flash Point, °F (method): N/A
2. Autoignition Temperature, °F: Not established
3. Flammable Limits in Air, volume %: Lower: N/A Upper: N/A
4. Fire Extinguishing Materials: Water and carbon dioxide
5. Special Fire Fighting Procedures: None
6. Unusual Fire and Explosion Hazards: This material is combustible. Airborne dust may explode when in contact with an ignition source.

**V Health Hazard Information**

1. Symptoms of Overexposure for Each Potential Route of Exposure:
  - a. Inhaled: Inhalation of this product's dust may cause irritation of upper respiratory tract
  - b. Contact with Skin and Eyes: None Known
  - c. Absorbed Through Skin: No

- d. Swallowed: No available data
2. Health Effects or Risks from Exposure:
  - a. Acute: Irritation of upper respiratory tract
  - b. Chronic: Irritation of upper respiratory tract
3. First Aid: Emergency Procedures
  - a. Eye Contact: If product's dust gets into the eyes, flush with water for at least 15 minutes. If irritation persists, contact a physician.
  - b. Skin Contact: Wash and soap and water
  - c. Inhaled: Move exposed person to fresh air and perform artificial respiration. Call physician.
  - d. Swallowed: If symptoms arise, call physician.
4. Suspected Cancer Agent? X No: This product's ingredients are not found in the lists.  
Federal OSHANTP IARC CAL/OSHA
5. Medical Conditions Aggravated by Exposure: Respiratory conditions and eye conditions

#### VI Reactivity Data

1. Stability: Stable
2. Conditions to avoid: heat, flame, sparks, and other ignition sources. This product is combustible.
3. Incompatibility (Materials to Avoid): Strong oxidizing agents.
4. Hazardous Decomposition Products (Including combustion products): Carbon monoxide and partially oxygenated hydrocarbons.
5. Hazardous Polymerization: Will not occur.
6. Conditions to avoid: None

#### VIII. Spill, Leak and Disposal Procedures

1. Spill Response Procedures (Including Employee Protection Measures): Sweep up dust. Keep away from sources of heat, flame, sparks or other ignition sources.
2. Preparing Wastes for Disposal: Can be disposed with normal domestic waste.

#### IX. Special Handling Information

1. Ventilation and Engineering Controls: General ventilation should be adequate under normal use conditions.
2. Respiratory Protection: If airborne dust concentration causes irritation or discomfort, use a NIOSH approved respirator.
3. Eye Protection: Goggles
4. Gloves: Normal work gloves should be adequate
5. Other Clothing and Equipment: Normal work attire
6. Work Practices, Hygienic Practices: Avoid inhalation of dust.

7. Other Handling and Storage Requirement: Store in sealed containers. Keep away from sources of ignition.
8. Protective Measures During Maintenance of Contaminated Equipment: N/A

N/A = Not Applicable