

# MATERIAL SAFETY DATA SHEET



**Date-Issued:** 07/28/2004  
**MSDS Ref. No:** 100819  
**Date-Revised:** 07/28/2004  
**Revision No:** New MSDS

Miracle-Gro®Shake'n Feed® Continuous Release All Purpose Plant Food10-10-10

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Miracle-Gro®Shake'n Feed® Continuous Release All Purpose Plant Food10-10-10

### MANUFACTURER

The Scotts Company  
 Earthgro-Hyponex-Miracle Gro  
 Scotts-Scotts Sierra-Swiss Farms  
 14111 Scottslawn Road  
 Marysville, OH 43041

**PN:** S9689

### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEMTREC (U.S.):** (800) 424-9300  
**International:** 1-703-527-3887  
**Emergency Phone:** 1-937-644-0011

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Ammonium Sulfate	7783-20-2	None	None
Ammonium Phosphate	7722-76-1	None	None
Potassium Chloride	7447-40-7	None	None
Sulfur	7704-34-9	None	None
Nuisance Dust		15 mg/m3	3 mg/m3

**COMMENTS:** This product is not considered to be hazardous in accordance with the OSHA Hazard Communication Standard, 29 CFR 1919.1200, Health Hazard. Thus, no Material Safety Data Sheet is required. See product label for ingredients and product-specific Consumer Services telephone numbers. The ACGIH Threshold Limit Values (TLV) for nuisance (inert) dusts containing < 1% crystalline silica and no asbestos are: 10 mg/m3 inhalable particulates and 3 mg/m3 respirable particulate. The OSHA TLV is 15 mg/m3 total dust, 5 mg/m3 respirable fraction.

## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

**IMMEDIATE CONCERNS:** Not considered to be a hazardous material.

### POTENTIAL HEALTH EFFECTS

**EYES:** May cause slight, temporary irritation as a foreign body in the eye.

**SKIN:** Not known to be a skin irritant.

**INGESTION:** If swallowed, product is considered practically non-toxic.

**INHALATION:** Prolonged breathing of dust may cause throat or nose irritation.

**ROUTES OF ENTRY:** Ingestion, eyes.

## 4. FIRST AID MEASURES

**EYES:** Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

**SKIN:** If on skin or clothing, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**INGESTION:** If swallowed, call a poison control center or doctor immediately for treatment advice. Have person sip glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Never give anything by mouth to an unconscious person.

**INHALATION:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**COMMENTS:** See product label for specific First Aid Measures. The above measures are the most conservative and would apply in the event a product label is not immediately available.

---

## 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Water fog or spray.

**EXPLOSION HAZARDS:** Explosive conditions may exist when a high airborne concentration of fertilizer occurs in an enclosed area.

**FIRE FIGHTING PROCEDURES:** Use self-contained air supply.

**HAZARDOUS DECOMPOSITION PRODUCTS:** In a fire, ammonia and chlorine and toxic oxides of nitrogen, carbon, and potassium may be generated.

---

## 6. ACCIDENTAL RELEASE MEASURES

**GENERAL PROCEDURES:** Use good housekeeping practices. Sweep up spills. As a general practice, avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove to approved landfill. See label for specific disposal procedures.

---

## 7. HANDLING AND STORAGE

**HANDLING:** See label. Wash hands with soap and water after handling product. Avoid container breakage. Avoid inhalation or contact with skin, eyes, or clothing. Keep out of lakes, streams or ponds, KEEP OUT OF REACH OF CHILDREN.

**STORAGE:** See label. KEEP OUT OF REACH OF CHILDREN. Avoid container breakage. Store in cool, dry area in closed container or package. Keep away from feed or foodstuffs.

---

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** See label. Protective eye wear is typically not required for normal product use.

**SKIN:** See label. No special protective clothing is necessary under normal use conditions. Gardening gloves are suggested for repeated handling of lawn care products. Applicators should wear long-sleeved shirt, long pants, shoes, and socks.

**RESPIRATORY:** See label. No special respiratory protection is required under normal use conditions. However, if operating conditions create high airborne concentrations of product, a dust mask, or other appropriate respiratory protection is recommended.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Solid

**APPEARANCE:** Granular.

**COLOR:** Green.

**BOILING POINT:** Decomposes on heating

**SOLUBILITY IN WATER:** Not Established  
**DENSITY:** Not Available

---

## 10. STABILITY AND REACTIVITY

**STABLE:** YES

**HAZARDOUS POLYMERIZATION:** NO

**CONDITIONS TO AVOID:** Extreme heat, protect from moisture.

**HAZARDOUS DECOMPOSITION PRODUCTS:** In a fire, oxides of potassium, sulfur, and carbon, as well as ammonia may be produced.

---

## 11. TOXICOLOGICAL INFORMATION

**GENERAL COMMENTS:** Toxicology information is limited for this product. Inhalation of dust may irritate nose, throat, and lungs. Eye contact with solids may produce irritation, tearing, or blinking as a foreign body in the eye.

---

## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** See label. Keep out of lakes, streams, or ponds.

---

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose in normal waste disposal. Do not reuse empty container. See label for specific product disposal recommendations.

---

## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**  
**PROPER SHIPPING NAME:** Not DOT regulated.

**SPECIAL SHIPPING NOTES:** The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

---

## 15. REGULATORY INFORMATION

**GENERAL COMMENTS:** Contact local authorities for proper disposal of large quantities of unused product.

---

## 16. OTHER INFORMATION

**REVISION SUMMARY** New MSDS

### NFPA CODES

**HEALTH:** 1   **FIRE:** 0   **REACTIVITY:** 0

**NFPA STORAGE CLASSIFICATION:** NFPA Hazard Rating: 0=Least; 1=Slight; 2=Moderate; 3=High; 4=Severe.

**MANUFACTURER DISCLAIMER:** The information contained herein is, to the best of the Manufacturer's (see Section 1) knowledge and belief, accurate and reliable as of the date of preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and the Manufacturer shall not be liable for any loss or damage arising out of the use thereof. No authorization is given or implied to use any patented invention without a license. In addition, the

Manufacturer shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.

**GENERAL STATEMENTS:** This document contains health, safety, and environmental information useful to emergency response agencies, health care providers, manufacturers, and workers/employees. It does not replace the precautionary language, use directions, or the storage and disposal information found on the product label.