

Material Safety Data Sheet  
May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be consulted  
for specific requirements.

U.S Department of Labor  
Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

## Bonide MossMax Lawn Granules

**ID # 924084**

Date: July 16, 2009

### Section I

Bonide Products, Inc.  
6301 Sutliff Road  
Oriskany, NY 13424

(800) 424-9300  
(315) 736-8231

### Section II - Hazardous Ingredients/Identity

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Ferrous Sulfate Monohydrate CAS# 17375-41-6	1 mg(Fe)/m3	1 mg(Fe)/m3	NA	25.8%

### Section III- First Aid Measures

**SIGNS AND SYMPTOMS OF EXPOSURE:** Irritation or itching, stinging of eyes, breathing problems, stomach ache, and acid or sour taste.

**EYES:** Flush eyes with water for 15 minutes, consult physician if irritation persists.

**SKIN:** Remove all contaminated clothing. Wash skin and hair thoroughly with soap and water. Wash clothing before reuse. If irritation persists, get medical attention.

**INHALATION:** Remove to fresh air. If irritation persists, get medical attention.

**INGESTION:** Consult physician if ingested, drink large amounts of water. Never induce vomiting in an unconscious person. Can cause nausea, vomiting, diarrhea

**AGGRAVATED BY EXPOSURE:** None known. Preexisting skin or respiratory disorders may be aggravated by excessive exposure to this material.

### Section IV- Fire- Fighting Measures

**FLASHPOINT:** None

**FLAMMABLE LIMITS:** NA

**EXTINGUISHING MEDIA:** Use water or other agent suitable for surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** N/A

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Contain runoff from bodies of water, rivers, streams and lakes.

### Section V - Reactivity Data

**CONDITIONS TO AVOID:** Excessive Heat (greater than 212°F)

**INCOMPATIBILITY:** Oxidizing Agents and alkalis. Potentially violent reaction with methyl isocynoacetate.

**HAZARDOUS DECOMPOSITION:** When heated to decomposition, may emit toxic fumes of oxides of sulfur. .

**HAZARDOUS POLYMERIZATION:** Will not occur.

### Section VI - Personal Protection Information

**RESPIRATORY PROTECTION:** Not generally required; Best practice to use in well ventilated area. If airborne dust levels are high, a dusk mask is recommended to avoid inhalation.

**EYE PROTECTION:** Safety glasses with side shields or goggles.

**SKIN PROTECTION:** Long sleeves, impervious gloves, long pants with socks and shoes.

### Section VII - Health Hazard Information

**ROUTES OF ENTRY:** Ingestion, inhalation, eyes and skin contact. May be harmful if swallowed or inhaled. May cause irritation of eyes, nasal passages, throat and skin.

**EMERGENCY AND FIRST AID PROCEDURES:** Call a physician immediately in all cases of suspected poisoning.

**EYES:** Will cause irritation.

**INGESTION:** Consult physician if ingested, drink large amounts of water. Never induce vomiting in an unconscious person. Can cause nausea, vomiting, diarrhea

**SKIN:** Mild irritant.

## Section VII - Health Hazard Information

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INHALATION: Irritation to respiratory system

MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE: Dermatitis, asthma, conjunctivitis, stomach or digestive problems.

## Section VII - Precautions for Safe Handling/Use

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HANDLING AND STORAGE: Keep out of the reach of children. Always practice good hygiene when handling this or any chemical. Wash thoroughly with soap and water any exposed areas. Store in a cool, dry place preferably below 120° F away from children, domestic animals, food, feed products and water sources. Do not contaminate other stored products or the storage area by handling or storage of this product. Immediately clean up any spills, which occur during handling and storage.

OTHER PRECAUTIONS: Do not contaminate water supplies by handling or storage of product, cleaning of equipment or disposal of wastes. Keep work and storage areas clean. Read and follow precautionary measures on product label.

RESPIRATORY PROTECTION (Specify type): Not normally required if used in well ventilated area. Dust mask for prolonged use/exposure.

PROTECTIVE GLOVES: Work gloves or impervious gloves. If prolonged exposure cannot be avoided, wear impervious gloves.

EYE PROTECTION: None normally required; follow local work rules. Chemical goggles or shielded safety glasses recommended for prolonged or repeated exposure.

OTHER PROTECTIVE EQUIPMENT: Wear clothing consistent with good practices for handling and applying fertilizers. Wash contaminated clothing thoroughly before reuse.

## Section III - Physical/Chemical Ingredients

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pH: NA

SPECIFIC GRAVITY: NA

DENSITY: NA

VAPOR DENSITY: NA

APPEARANCE AND ODOR: granular, acidic, iron like odor

## Section VIII - Environmental and Disposal Information

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SPILL OR LEAK PROCEDURES: Scoop or sweep up wastes and place in container for disposal. Keep from water sources.

WASTE DISPOSAL METHOD: Material, which cannot be used at the site, should be disposed of in an approved waste disposal facility following all applicable Federal, State and local regulations. Do not reuse container, offer for recycling. Do not contaminate water supplies by disposal of wastes or containers. Do not flush in sewers.

NOTICE: This information is believed to be accurate and reliable. However, no guarantee expressed or implied is made with respect to the information contained herein.

### KEEP OUT OF REACH OF CHILDREN ABBREVIATION KEY

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N/A: NOT AVAILABLE OR APPLICABLE

N/E: NOT ESTABLISHED

ND: Not Determined

TLV: THRESHOLD LIMIT VALUE

TWA: TIME WEIGHTED AVG./8 HOUR WORKDAY

STEL: SHORT TERM EXPOSURE LIMIT D.O.T.: DEPARTMENT OF TRANSPORTATION

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