



MATERIAL SAFETY DATA SHEET

Date stamp: 03-Aug-2005

MSDS Ref. No.: 100859

Revision Number: 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Miracle-Gro® Shake 'n Feed® Continuous Release Rose Plant Food, 9-18-9
Description: Slow Release Fertilizer

Company
The Scotts Company
14111 Scottslawn Road
Marysville, OH 43041

24-HOUR EMERGENCY TELEPHONE NUMBERS:
CHEMTREC (U.S.): 1-800-424-9300
CHEMTREC (International): 1-703-527-3887
Non-Emergency Calls: 1-937-644-0011

Formula No.: S9688

2. HAZARDS IDENTIFICATION

OSHA Regulatory Status: This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Labelling

Signal word: No signal word.

Precautionary Statement Keep out of reach of children.

Potential health effects

Eye contact: Contact with eyes may cause irritation.

Skin contact: Irritation not expected.

Ingestion: Considered practically non-toxic. Possible gastrointestinal tract irritation.

Inhalation: May cause irritation of respiratory tract.

Aggravated Medical Conditions: Inhalation may aggravate asthma.

Principle routes of exposure: Skin, Inhalation

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	Weight %
Sulphur, S	7704-34-9	-
Ammonium Phosphate	7722-76-1	-
Ammoniumsulphate, (NH ₄) ₂ SO ₄	7783-20-2	-
Potassium sulphate, K ₂ SO ₄	7778-80-5	-

Comments: Product consists of a mixture in which the concentration of some propriatery components are not indicated or are unknown.

4. FIRST AID MEASURES

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

Skin contact: 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: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so be a poison control center or doctor. Do not 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 by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice

5. FIRE-FIGHTING MEASURES

Flammable properties: Decomposes on heating.
Suitable extinguishing media: Water spray, carbon dioxide, dry chemical, chemical foam
Explosion potential: Dust clouds may be explosive.
Explosive properties: No information available.

Components	NTP:	IARC:	OSHA:
Ammoniumsulphate, (NH ₄) ₂ SO ₄	Not listed	Not listed	Not listed
Ammonium Phosphate	Not listed	Not listed	Not listed
Sulphur, S	Not listed	Not listed	Not listed
Potassium sulphate, K ₂ SO ₄	Not listed	Not listed	Not listed

General Information

Ingestion: Very low toxicity for humans and animals
Inhalation: Health injuries are not known or expected under normal use
 Health injuries are not known or expected under normal use

12. ECOLOGICAL INFORMATION

Ecotoxicity effects: No data is available on the product itself.
Persistence and degradability: Inherently biodegradable. Non-persistent.
Bioaccumulative potential: Does not bioaccumulate.
Mobility: Water contaminating.
Aquatic toxicity: May be beneficial to plant life.
Additional ecological information: Do not apply directly to lakes, streams, or ponds.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Apply as fertilizer to field. Dispose of in accordance with local regulations and national regulations.
Contaminated packaging: Do not re-use empty containers. If empty, place in trash or offer for recycling if available.

14. TRANSPORT INFORMATION

The description shown may not apply to all situations. Consult 49 CFR, or appropriate dangerous goods regulations for additional description requirements (e.g. technical name) and mode-specific or quantity-specific shipping requirements.

DOT
Proper shipping name: Not regulated

15. REGULATORY INFORMATION

Components	CAS-No	CERCLA/SARA 313	CERCLA/SARA 302
Ammoniumsulphate, (NH ₄) ₂ SO ₄	7783-20-2	Not Listed	Not Listed
Ammonium Phosphate	7722-76-1	Not Listed	Not Listed
Sulphur, S	7704-34-9	Not Listed	Not Listed
Potassium sulphate, K ₂ SO ₄	7778-80-5	Not Listed	Not Listed

General Information Contact local authorities for disposal of large quantities of product

16. OTHER INFORMATION

NFPA: Health: 1 Flammability: 1 Reactivity: 0

HMIS: Health: 1 Flammability: 1 Reactivity: 0

Hazard Rating: 0=Least; 1-Slight; 2=Moderate; 3=High; 4=Severe

General comment: 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.

Revision date: 03-Aug-2005

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