



Material Safety Data Sheet

According to EC Directive 1907/2006

Print date: 22-May-2008

Revision Number: 0

Revision date:

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Identification of the substance or preparation

MSDS Ref. No.: SCSDS476
Product name: Miracle-Gro All Purpose Soluble Plant Food

Use of the Substance/Preparation

Recommended use: For use only as a home garden fertilizer.

Company/Undertaking Identification
• The Scotts Company (UK) Ltd, Salisbury House, Weyside Park, Catteshall Lane, Godalming, Surrey, GU7 1XE, United Kingdom

Emergency telephone number: • ++44 (0) 1865 407333 (24h)

Email: INFO-MSDS@Scotts.com

2. HAZARDS IDENTIFICATION

Classification

The product is non-dangerous in accordance with Directive 1999/45/EC

Most important hazards

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation

Components	CAS-No	Weight %	EC-No.	Classification
Citric Acid	77-92-9	1 - 5%	201-069-1	Xi;R36
Ureaphosphate	4861-19-2	1 - 5%	225-464-3	C;R34

NE = Non-Established

For the full text of the R phrases mentioned in this Section, see Section 16

Revision date:

Page 1 of 6

4. FIRST AID MEASURES

General advice:	No harmful side effects known .
Ingestion:	Rinse mouth. Do not induce vomiting. If symptoms persist, call a physician.
Inhalation:	Move person to fresh air. If symptoms persist, call a physician.
Skin contact:	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Water spray mist or foam. Carbon dioxide (CO2). dry powder.

Unsuitable extinguishing media:

High volume water jet

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases:

Thermal decomposition can lead to release of irritating gases and vapours.

Special protective equipment for firefighters:

Use personal protective equipment. Self-contained breathing apparatus and suitable protective clothing.

Specific methods:

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use personal protective equipment.

Environmental precautions:

Do not contaminate water. Prevent product from entering drains.

Methods for cleaning up:

Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling:**Technical measures/precautions:**

Ensure adequate ventilation.

Safe handling advice:

Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands and exposed skin after use / handling.

Storage:

Technical measures/storage conditions:	Store in original container. Keep tightly closed in a dry and cool place. Keep away from food, drink and animal feeding stuffs. Keep out of reach of children.
Incompatible products:	No information available
Specific use(s):	Water soluble fertilizer.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:	Personal protective equipment is not normally required - gloves can be worn for personal hygiene. In case of accidental spillage of bulk product, wear personal protective equipment appropriate to the task (see below).
---	---

Occupational exposure controls

Personal protective equipment

Respiratory protection:	Effective dust mask.
Hand protection:	Protective gloves. Nitrile rubber.
Eye/face protection	Safety glasses with side-shields.
Skin and body protection:	Wear suitable protective clothing.
Hygiene measures	When using, do not eat, drink or smoke. Wash hands before stopping and immediately after handling. Remove and wash contaminated clothing before re-use.

Exposure limit values

Environmental exposure controls

There are no Occupational Exposure Limits available.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State:	Solid
Appearance:	Crystalline
Color:	Red, And, Blue green
Odor:	None

Important Health Safety and Environmental Information

Solubility:	Soluble
--------------------	---------

Other information

10. STABILITY AND REACTIVITY

10. STABILITY AND REACTIVITY

Stability:	Stable at normal conditions
Conditions to avoid:	None known.
Materials to avoid:	Ferrous metals.
Hazardous decomposition products:	Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION**Component information**

Ureaphosphate
LD50/oral/rat = 5840 mg/kg

Product information**Local effects**

Skin effects:	No information available.
Eye effects:	No information available.
Inhalation:	No information available.
Ingestion:	No information available.

12. ECOLOGICAL INFORMATION**Product information**

Aquatic toxicity: No ecological information is available.

Component information

No ecological information is available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:	Do not contaminate ponds, waterways or ditches with chemical or used container. Do not empty into drains. Dispose of empty container in the dustbin.
Contaminated packaging:	Do not re-use empty containers.

14. TRANSPORT INFORMATION**Product information****Physical State:** Solid**ADR/RID****UN-No:** Not classified for transport**IATA****UN-No:** Not classified for transport**IMO / IMDG****UN-No:** Not classified for transport**15. REGULATORY INFORMATION****Indication of danger:**

The product is non-dangerous in accordance with Directive 1999/45/EC

To avoid risks to man and the environment, comply with the instructions for use.

Registration number UK/Eire

N/A

16. OTHER INFORMATION**Text of R Phrases mentioned in Section 3**

R34 - Causes burns.

R36 - Irritating to eyes.

Reason for revision:

*** Indicates changes since the last revision. This version replaces all previous versions

Prepared by:

Regulatory Affairs Department.

This information contained herein is, to the best of Scott's 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 Scotts 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, Scotts 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

End of Safety Data Sheet