



Material Safety Data Sheet

According to EC Directive 2001/58/EC

Print date: 07-Jun-2007

Revision Number: 0

Revision date:

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

Identification of the substance or preparation

MSDS Ref. No.: 5215.01.01GB/W40
Product name: Greenmaster Pro-Lite Mosskiller

Use of the Substance/Preparation

Recommended use: For use only as a horticultural turf treatment.

Company/Undertaking Identification

- Scotts Professional
Salisbury House, Weyside Park
Catteshall Lane, Godalming
Surrey, GU7 1XE
United Kingdom

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

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation

Components	CAS-No	Weight %	EC-No.	Classification
Ironsulphate, FeSO ₄ +1H ₂ O	7720-78-7	10 - 25%	231-753-5	Xn;R22
Talc	14807-96-6	1 - 5%	238-877-9	NE

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

3. HAZARDS IDENTIFICATION

Classification

The product has been classified according to the Chemicals (Hazard Information and Packaging for Supply) Regulations [CHIP 3].

Most important hazards

Harmful to aquatic organisms.

4. FIRST AID MEASURES

Revision date:

Page 1 of 6

4. FIRST AID MEASURES

General advice:	In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Ingestion:	If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting.
Inhalation:	Move 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). 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. In the event of fire, wear self-contained breathing apparatus.

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 allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

Methods for cleaning up:

Avoid dust formation. 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. 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. Protect from extremes of temperature.
Incompatible products:	No information available
Specific use(s):	No information available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure: Ensure adequate ventilation.

Occupational exposure controls

Personal protective equipment

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

Exposure limit values

Ironsulphate, FeSO4·1H2O

Belgium - 8 Hr VLE	1 mg/m ³
Finland - Occupational Exposure Limits - 8 hour	1 mg/m ³
Netherlands - OEL - MACs:	1 mg/m ³
Norway - 8 h:	0.01 mg/m ³
Portugal - TWAs	1 mg/m ³ TWA
Spain - Valores Limite Ambientales - VLE	1 mg/m ³ VLA-ED
UK EH40 WEL:	LTEL (8 hr TWA) 1 mg/m ³ STEL (15 min) 2mg/m ³

Talc

Austria - MAKs	2 mg/m ³ MAK
Belgium - 8 Hr VLE	2 mg/m ³ TWA
Czech Republic OEL	Listed
Finland - Occupational Exposure Limits - 8 hour	0.5 fibers/cm ³ TWA 5 mg/m ³ TWA
Germany TRGS900:	2 A mg/m ³
Netherlands - OEL - MACs:	1 mg/m ³ MAC
Portugal - TWAs	2 mg/m ³ TWA
Spain - Valores Limite Ambientales - VLE	2 mg/m ³ VLA-ED
Sweden - OEL - 8 Hour	1 mg/m ³ LLV 2 mg/m ³ LLV
UK EH40 WEL:	1 mg/m ³ TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State: Granules

Color: Grey, Brown
Odor: No information available

Important Health Safety and Environmental Information

Solubility: Partly soluble

Other information

10. STABILITY AND REACTIVITY

Stability: Stable at normal conditions

Conditions to avoid: None known.

Materials to avoid: Contact with alkali.

Hazardous decomposition products: Ammonia

11. TOXICOLOGICAL INFORMATION

Component information

Ironsulphate, FeSO₄·1H₂O
LD50/oral/rat = 1389 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:
Harmful to aquatic organisms

Component information

Ironsulphate, FeSO₄+1H₂O

Ecotoxicity effects

EC50/48h/daphnia = >100mg/l
LC50/96h/rainbow trout = >72.5mg/l (6d)
EC50/72h/algae = 22mg/l

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Do not contaminate ponds, waterways or ditches with chemical or used container..
Dispose of in accordance with local regulations and national regulations.

Contaminated packaging: Do not re-use empty containers. Dispose of as unused product.. In accordance with local and national regulations.

14. TRANSPORT INFORMATION

Product information

Physical State: Granules

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 has been classified according to the Chemicals (Hazard Information and Packaging for Supply) Regulations [CHIP 3].

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

R -phrase(s)

R52 - Harmful to aquatic organisms.

Do not contaminate ponds, waterways or ditches with chemical or used container.

15. REGULATORY INFORMATION**Registration number UK/Eire**

MAPP: 12197

PCS No: 90716

16. OTHER INFORMATION**Text of R Phrases mentioned in Section 2**

R22 - Harmful if swallowed.

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