



Material Safety Data Sheet

According to EC Regulation 1907/2006

Print date: 23-Oct-2008

Revision Number: 1

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

Identification of the substance or preparation

MSDS Ref. No.: 5215.01.01GB
 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 (24h)

Email: INFO-MSDS@Scotts.com

2. 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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation

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

NE = Non-Established

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

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:	Remove and wash contaminated clothing before re-use.
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:

Coordinate fire extinguishing measures to fire in surrounding area

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 extreme temperatures.
Incompatible products:	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

Talc

Belgium - 8 Hr VLE	2 mg/m ³ TWA
Czech Republic OEL	= 10 mg/m ³ TWA = 2.0 mg/m ³ TWA
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:	0.25 mg/m ³ TWA
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

Iron sulphate, 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

9. PHYSICAL AND CHEMICAL PROPERTIES

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General Information

Physical State: Solid
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: Bases.
Hazardous decomposition products: Ammonia.

11. TOXICOLOGICAL INFORMATION

Component information

Iron sulphate, 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*Iron sulphate, 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:**

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 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.

15. REGULATORY INFORMATION

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

Registration number UK/Eire

MAPP: 12197

PCS No: 90716

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

R22 - Harmful if swallowed.

Reason for revision:

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

Prepared by:

Regulatory Affairs Department.

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End of Safety Data Sheet