



Safety Data Sheet

According to EC Directive 2001/58/EC

Print date: 18-Mar-2005

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.: SCSDS414
Product name: Greenmaster Pro-Lite Turf Tonic
8-0-0 2%Fe MgO

Use of the Substance/Preparation

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

Company/Undertaking Identification
Scotts UK Professional, Paper Mill Lane, Bramford, Ipswich, Suffolk IP8 4BZ 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
Sand	14808-60-7	> 25%	238-878-4	NE
Ironsulphate, FeSO ₄ +1H ₂ O	7720-78-7	5 - 10%	231-753-5	Xn;R22

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

3. HAZARDS IDENTIFICATION

Classification

In accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations [CHIP 3], the product is not classified.

Most important hazards

None

4. FIRST AID MEASURES

General advice: If you feel unwell, seek medical advice (show the label where possible).

Ingestion: Do not induce vomiting. Rinse mouth. Consult 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. If skin irritation persists, 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:

Use dry chemical, CO₂, water spray or "alcohol" foam.

Unsuitable extinguishing media:

High volume water jet

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

Thermal decomposition can lead to release of irritating gases and vapors

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. Avoid dust formation.

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:

Take up mechanically and collect in suitable container 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.

Incompatible products:

None known.

Specific use(s):

Turf treatment.

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:	Protective gloves. Nitrile rubber.
Eye/face protection:	Safety glasses with side-shields.
Skin protection:	Lightweight protective clothing, Rubber boots.
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

Sand

UK EH40 MEL (TWA):	LTEL (8 Hr) 6 mg/m ³ (total inhalable dust) STEL (15 min) 2.4 mg/m ³ (total respirable dust)
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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 Hr:	0.01 mg/m ³
UK EH40 MEL (TWA):	LTEL (8 hr TWA) 1 mg/m ³ STEL (15 min) 2mg/m ³

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State:	Granules
Color:	Beige, White
Odor:	No information available

Important Health Safety and Environmental Information

Solubility: Partly soluble

Other information

Bulk density: 700/900g/l

10. STABILITY AND REACTIVITY

Stability: Stable at normal conditions

Conditions to avoid:	Extremes of temperature and direct sunlight..
Materials to avoid:	Contact with alkali.
Hazardous decomposition products:	Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

Component information

Ironsulphate, FeSO₄+1H₂O
LD50/oral/rat = 750 mg/kg

Product information

Local effects

Skin effects:	No information available.
Eye effects:	May cause eye irritation with susceptible persons
Inhalation:	Not irritating.
Ingestion:	Not irritating.

12. ECOLOGICAL INFORMATION

Product information

Aquatic toxicity: No information available

Component information

Sand
Ecotoxicity: No information available

Ironsulphate, FeSO₄+1H₂O
Ecotoxicity: EC50/48h/daphnia => 100 mg/l
LC50/96h/rainbow trout =>72.5 mg/l (6d)
EC50/72h/algae = 22 mg/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.

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:

Not dangerous.

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

R -phrase(s)

None

International Inventories

Components	EC-No.	EU - NLPL:	PICCS:	ENCS:	DSL:	TSCA:	CHINA:	AICS:
<i>Sand</i>	238-878-4							
<i>Ironsulphate, FeSO4+1H2O</i>	231-753-5				Present	XU		

Registration number UK/Eire

Not applicable

16. OTHER INFORMATION

Text of R Phrases mentioned in Section 2

R22 - Harmful if swallowed.

Reason for revision:

None

Prepared by:

Regulatory Affairs Department.

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End of Safety Data Sheet