



# SAFETY DATA SHEET

According to EC Directive 2001/58/EC

Print date: 09-Nov-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.: SCSDS415  
Product name: Greenmaster Pro-Lite Autumn  
6-5-10 6%Fe

### Use of the Substance/Preparation

Recommended use: For use only as a horticultural turf treatment, mosskiller and 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
Ironsulphate, FeSO <sub>4</sub> +1H <sub>2</sub> O	7720-78-7	10 - 25%	231-753-5	Xn;R22

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

## 3. HAZARDS IDENTIFICATION

### Classification

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

### Most important hazards

Harmful to aquatic organisms.

## 4. FIRST AID MEASURES

General advice: If you feel unwell, seek medical advice (show the label where possible).  
Ingestion: If swallowed, seek medical advice immediately and show this container or label.  
Inhalation: Move person to fresh air. If symptoms persist, call a physician.

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**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, dry sand, foam, carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media:**  
High volume water jet

**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. Protect from extremes of temperature.

**Incompatible products:** No information available

**Specific use(s):** No information available

**Verband der Chemischen Industrie (VCI):** Exempt  
**Risk classification according to VbF (Germany)** Exempt

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:** Ensure adequate ventilation.

**Occupational exposure controls**

**Personal protective equipment**

<b>Respiratory protection:</b>	Effective dust mask
<b>Hand protection:</b>	Protective gloves. Nitrile rubber.
<b>Eye/face protection:</b>	Face-shield.
<b>Skin and body protection:</b>	lightweight protective clothing.
<b>Hygiene measures</b>	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**

*Ironsulphate, FeSO4·1H2O*

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**General Information**

<b>Physical State:</b>	Granules
<b>Color:</b>	Grey, Brown
<b>Odor:</b>	No information available

**Important Health Safety and Environmental Information**

<b>Solubility:</b>	Partly soluble
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**Other information**

<b>Bulk density:</b>	650g/l
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## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable at normal conditions
<b>Conditions to avoid:</b>	None known.
<b>Materials to avoid:</b>	Contact with alkali.

**Hazardous decomposition products:** Ammonia.

## 11. TOXICOLOGICAL INFORMATION

### Component information

*Ironsulphate, FeSO<sub>4</sub>+1H<sub>2</sub>O*  
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

### Component information

*Ironsulphate, FeSO<sub>4</sub>+1H<sub>2</sub>O*  
**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.

**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:**

This product does not have to be classified according to the EU regulations.  
To avoid risks to man and the environment, comply with the instructions for use.

**R -phrase(s)**

R52 - Harmful to aquatic organisms.

Keep in original container, tightly closed in a safe place. Empty container thoroughly and dispose of safely. Do not contaminate ponds, waterways or ditches with chemical or used container. Wash hands and exposed skin after use / handling.

**Registration number UK/Eire**

MAPP 12196

**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.

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**End of Safety Data Sheet**