



# Material Safety Data Sheet

According to EC Regulation 1907/2006

Print date: 19-Mar-2009

Revision Number: 1

Revision date: 03-Jun-2008

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

### Identification of the substance or preparation

MSDS Ref. No.: A-020480  
Product name: Landscaper Pro Moss Control + Fertilizer

### Use of the Substance/Preparation

Recommended use: For use only as a home garden lawn treatment.

### 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

Xi - Irritant

### Most important hazards

Irritating to eyes.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Chemical nature of the preparation

Components	CAS-No	Weight %	EC-No.	Classification
Iron sulphate, FeSO <sub>4</sub> +1H <sub>2</sub> O	7720-78-7	10 - 25%	231-753-5	Xn;R22
Sand	14808-60-7	10 - 25%	238-878-4	NE

NE = Non-Established

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

#### 4. FIRST AID MEASURES

<b>General advice:</b>	In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
<b>Ingestion:</b>	If swallowed, seek medical advice immediately and show this container or label.
<b>Inhalation:</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Skin contact:</b>	Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.
<b>Eye contact:</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

#### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

Coordinate fire extinguishing measures to fire in surrounding area

**Unsuitable extinguishing media:**

Not applicable

**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.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Avoid contact with eyes. Use personal protective equipment.

**Environmental precautions:**

Do not contaminate surface water. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.

**Methods for cleaning up:**

Sweep up and shovel into suitable containers for disposal.

#### 7. HANDLING AND STORAGE

**Handling:****Technical measures/precautions:**

Ensure adequate ventilation. Avoid dust formation.

**Safe handling advice:**

Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoke. Wash off splashes (immediately). 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 out of reach of children. 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:** 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

<b>Respiratory protection:</b>	Effective dust mask.
<b>Hand protection:</b>	Protective gloves. Nitrile rubber.
<b>Eye/face protection</b>	Safety glasses with side shields or goggles.
<b>Skin and body protection:</b>	Lightweight protective clothing.
<b>Hygiene measures</b>	Wash hands and exposed skin after use / handling. When using, do not eat, drink or smoke.

#### Exposure limit values

##### *Iron sulphate, FeSO<sub>4</sub>+1H<sub>2</sub>O*

Belgium - 8 Hr VLE	1 mg/m <sup>3</sup>
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>

##### *Sand*

Belgium - 8 Hr VLE	0.1 mg/m <sup>3</sup> TWA
Finland - Occupational Exposure Limits - 8 hour	0.5 mg/m <sup>3</sup> TWA
France INRS (VME)	0.1 mg/m <sup>3</sup> VME
Netherlands - OEL - MACs:	0.075 mg/m <sup>3</sup> TWA
Norway - 8 h:	0.1 mg/m <sup>3</sup> TWA 0.3 mg/m <sup>3</sup> TWA
Portugal - TWAs	0.025 mg/m <sup>3</sup> TWA
Spain - Valores Limite Ambientales - VLE	0.1 mg/m <sup>3</sup> VLA-ED
Sweden - OEL - 8 Hour	0.1 mg/m <sup>3</sup> LLV
UK EH40 WEL:	LTEL (8 Hr) 6 mg/m <sup>3</sup> (total inhalable dust) STEL (15 min) 2.4 mg/m <sup>3</sup> (total respirable dust)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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### General Information

**Physical State:** Solid  
**Appearance:** Granular  
**Color:** Light grey  
**Odor:** None

### Important Health Safety and Environmental Information

**Boiling point/range:** Not applicable  
**Solubility:** Soluble  
**Flammability (solid, gas):** Non-flammable

### Other information

**Bulk density:** 0.650g/ml

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under recommended storage conditions.  
**Conditions to avoid:** Extremes of temperature and direct sunlight.  
**Materials to avoid:** Bases.  
**Hazardous decomposition products:** Ammonia.

## 11. TOXICOLOGICAL INFORMATION

### Component information

*Iron sulphate, FeSO<sub>4</sub>+1H<sub>2</sub>O*  
**LD50/oral/rat =** 1389 mg/kg

*Sand*  
**LD50/oral/rat =** N.A.

### Product information

#### Local effects

**Skin effects:** Non-irritating to the skin.  
**Eye effects:** Irritating to eyes.  
**Inhalation:** No information available.  
**Ingestion:** No information available.

**12. ECOLOGICAL INFORMATION****Product information****Aquatic toxicity:** No information available**Component information***Iron sulphate, 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. Do not empty into drains. Dispose of empty container in the dustbin. Unused product and its container may be disposed of in the dustbin..**Contaminated packaging:** Do not re-use container for any other purpose and dispose of safely .**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:**

Xi - Irritant.

**15. REGULATORY INFORMATION**

Xi

**R -phrase(s)**

R36 - Irritating to eyes.

**S -phrase(s)**

S25 - Avoid contact with eyes.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S29 - Do not empty into drains.

Keep away from children and pets. Keep in original container, tightly closed in a safe place. Do not contaminate water with the product or its container. Dispose of empty container in the dustbin. Unused product and its container may be disposed of in the dustbin.

**Registration number UK/Eire**

MAPP 14317

**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**