



# Material Safety Data Sheet

According to EC Directive 1907/2006

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Revision Number: 0

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

### Identification of the substance or preparation

MSDS Ref. No.: SCSDS363  
 Product name: Evergreen Mosskil Soluble

### 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

Xn - Harmful

### Most important hazards

Harmful if swallowed.  
 Irritating to eyes and skin

## 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	> 25%	231-753-5	Xn;R22
Potassium nitrate, KNO <sub>3</sub>	7757-79-1	1 - 5%	231-818-8	O;R08

NE = Non-Established

Revision date:

Page 1 of 6

**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 immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

Water spray mist or foam. Carbon dioxide (CO<sub>2</sub>). 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. Self-contained breathing apparatus and suitable protective clothing.

**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. Avoid dust formation.

**Safe handling advice:**

Read and follow label instructions. When using do not eat or drink. Do not smoke. Wash off splashes (immediately). Wash hands and exposed skin after use / handling.

**Storage:****Technical measures/storage conditions:**

Store in original container. Keep out of reach of children.  
Keep tightly closed in a dry and cool place. Keep away from food, drink and animal feeding stuffs. Keep away from frost.

**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****Respiratory protection:**

Effective dust mask.

**Hand protection:**

Rubber gloves.

**Eye/face protection**

Safety glasses with side shields or goggles.

**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***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>

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****Physical State:**

Solid

**Color:**

Green

**Odor:**

Not significant

**Important Health Safety and Environmental Information****Density:**

0.70 - 0.96 g/ml

**Solubility:**

Soluble

**Other information****pH:**

3.2

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under recommended storage conditions.
<b>Conditions to avoid:</b>	Temperatures above 600 °C.
<b>Materials to avoid:</b>	Bases. Strong acids and oxidising agents.
<b>Hazardous decomposition products:</b>	Thermal decomposition can lead to release of irritating gases and vapours.

## 11. TOXICOLOGICAL INFORMATION

### Component information

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

*Potassium nitrate, KNO<sub>3</sub>*  
**LD50/oral/rat =** 3750mg/kg

### Product information

#### Local effects

<b>Skin effects:</b>	May cause skin irritation in susceptible persons.
<b>Eye effects:</b>	May cause eye irritation with susceptible persons.
<b>Inhalation:</b>	No information available.
<b>Ingestion:</b>	Harmful if swallowed.

## 12. ECOLOGICAL INFORMATION

### Product information

### 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 empty into drains. Do not contaminate ponds, waterways or ditches with chemical or used container. Unused product and its container may be disposed of in the dustbin..

**Contaminated packaging:** Do not re-use empty containers.

### 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.

Xn - Harmful.

Xn



#### R -phrase(s)

R22 - Harmful if swallowed.

R36/38 - Irritating to eyes and skin.

#### S -phrase(s)

S 2 - Keep out of the reach of children.

S46 - If swallowed, seek medical advice immediately and show this container or label.

Keep off skin. Wash hands and exposed skin after use / handling. Keep away from children and pets. Keep in original container, tightly closed in a safe place. Empty container thoroughly and dispose of safely.

#### Registration number UK/Eire

MAPP 11509

<b>16. OTHER INFORMATION</b>
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**Text of R Phrases mentioned in Section 3**

R 8 - Contact with combustible material may cause fire.

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**