



SAFETY DATA SHEET

According to EC Directive 2001/58/EC

Print date: 23-Nov-2006

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
Emergency telephone number:

- The Scotts Company (UK) Ltd, Salisbury House, Weyside Park, Catteshall Lane, Godalming, Surrey, GU7 1XE, United Kingdom
- ++44 (0) 1865 407333

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation

Components	CAS-No	Weight %	EC-No.	Classification
Potassium nitrate, KNO ₃	7757-79-1	1 - 5%	231-818-8	O;R08
Ironsulphate, FeSO ₄ +1H ₂ O	7720-78-7	> 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

Xn - Harmful

Most important hazards

Harmful if swallowed.

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.

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Inhalation:	Move to fresh air. If symptoms persist, call a physician.
Skin contact:	Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.
Eye contact:	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 (CO₂). 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

Specific use(s):

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

Ironsulphate, FeSO₄·1H₂O

Belgium - 8 Hr VLE

1 mg/m³

Finland - Occupational Exposure Limits - 8 hour

1 mg/m³

Netherlands - OEL - MACs:

1 mg/m³

Norway - 8 h:

0.01 mg/m³

UK EH40 WEL:

LTEL (8 hr TWA) 1 mg/m³

STEL (15 min) 2mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State: Powder
 Color: Green
 Odor: Not significant

Important Health Safety and Environmental Information

pH: 3.2
 Density: 0.70 - 0.96 g/ml
 Solubility: Soluble

Other information

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.

Conditions to avoid:	Temperatures above 600 °C.
Materials to avoid:	Bases. Strong acids and oxidising agents.
Hazardous decomposition products:	Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

Component information

Potassium nitrate, KNO₃
LD50/oral/rat = 3750mg/kg

Ironsulphate, 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:	Harmful if swallowed.

12. ECOLOGICAL INFORMATION

Product information

Component information

Ironsulphate, 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 empty into drains. Do not contaminate ponds, waterways or ditches with chemical or used container.. Dispose of empty container in the dustbin. Dispose of unused product in its container at a household waste site (civic amenity site). Contact your local council (local authority) for details..
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Contaminated packaging: Do not re-use empty containers.

14. TRANSPORT INFORMATION

Product information

Physical State: Powder

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.

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

16. OTHER INFORMATION

Text of R Phrases mentioned in Section 2

R 8 - Contact with combustible material may cause fire.

R22 - Harmful if swallowed.

16. OTHER INFORMATION**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