



Safety Data Sheet

According to EC Directive 2001/58/EC

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

Identification of the substance or preparation

MSDS Ref. No.: SCSDS420
Product name: Greenmaster Pro-Lite Double K
7-0-14

Use of the Substance/Preparation

Recommended use: For use only as a horticultural 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 ₄ +1H ₂ 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

None

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: Rinse mouth. Do not induce vomiting. If symptoms persist, call 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. Remove and wash contaminated clothing before re-use. 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:
Water spray mist or foam, Carbon dioxide (CO₂), Dry powder.

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.

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. Keep away from food, drink and animal feeding stuffs. Protect from extremes of temperature.

Incompatible products: None known.

Specific use(s): Fertilizer.

Verband der Chemischen Industrie (VCI): Exempt

Risk classification according to VbF (Germany)

Exempt

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:

Protective gloves. Nitrile rubber.

Eye/face protection:

Safety glasses with side-shields.

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.. Remove and wash contaminated clothing before re-use.

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 Hr:

0.01 mg/m³

UK EH40 MEL (TWA):

LTEL (8 hr TWA) 1 mg/m³STEL (15 min) 2mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information**Physical State:**

Granules

Color:

Light grey, Beige

Odor:

No information available

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

Partly soluble

Other information

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:	Contact with eyes may cause irritation.
Inhalation:	No information available.
Ingestion:	No information available.

12. ECOLOGICAL INFORMATION

Product information

Component information

Ironsulphate, FeSO₄+1H₂O
Ecotoxicity effects
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 and national 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:**

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

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

International Inventories

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

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