



Safety Data Sheet

According to EC Directive 2001/58/EC

Print date: 05-Apr-2005

Revision Number: 0

Revision date: (invalid date)

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

Identification of the substance or preparation

MSDS Ref. No.: SCSDS025
Product name: Greenmaster Pro-Lite NK
12-0-12

Use of the Substance/Preparation

Recommended use: For use only as a horticultural turf treatment.

Company/Undertaking Identification
Emergency telephone number: ++44 (0) 1865 407333
Scotts UK Professional, Paper Mill Lane, Bramford, Ipswich, Suffolk IP8 4BZ United Kingdom

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation

Components	CAS-No	Weight %	EC-No.	Classification
Sand	14808-60-7	5 - 10%	238-878-4	NE
Magnesite	546-93-0	1 - 5%	208-915-9	NE
Ironsulphate, FeSO ₄ +1H ₂ O	7720-78-7	5 - 10%	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 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 powder, Carbon dioxide (CO₂).

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):	Turf treatment.
Verband der Chemischen Industrie (VCI): Risk classification according to VbF (Germany)	Exempt 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, Rubber boots.
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

Sand

Austria - MAKs	4 mg/m ³ MAK
UK EH40 MEL (TWA):	LTEL (8 Hr) 6 mg/m ³ (total inhalable dust) STEL (15 min) 2.4 mg/m ³ (total respirable dust)

Magnesite

UK EH40 MEL (TWA):	10 mg/m ³ TWA 4 mg/m ³ TWA
---------------------------	---

Ironsulphate, FeSO₄·1H₂O

Belgium - 8 Hr VLE	1 mg/m ³
Finland - Occupational Exposure Limits - 8 hour	1 mg/m ³
Netherlands - OEL - MACs:	1 mg/m ³
Norway - 8 Hr:	0.01 mg/m ³
UK EH40 MEL (TWA):	LTEL (8 hr TWA) 1 mg/m ³ STEL (15 min) 2mg/m ³

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: None known.
Materials to avoid: None known.
Hazardous decomposition products: No decomposition if stored normally.

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: Not irritating.

12. ECOLOGICAL INFORMATION

Product information

Component information*Sand***Ecotoxicity effects** No information available*Magnesite***Ecotoxicity effects** No information available*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>Sand</i>	238-878-4				Listed	Listed		
<i>Magnesite</i>	208-915-9				Listed	Listed		
<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.

This information contained herein is, to the best of Scott's knowledge and belief, accurate and reliable as of the date of preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and Scotts shall not be liable for any loss or damage arising out of the use thereof. No authorization is given or implied to use any patented invention without a license. In addition, Scotts shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product

End of Safety Data Sheet