



Material Safety Data Sheet

According to EC Directive 1907/2006

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Revision Number: 1

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

Identification of the substance or preparation

MSDS Ref. No.: 5208.01.01
Product name: Greenmaster Prolite Autumn

Use of the Substance/Preparation

Recommended use: Fertilizer.

Company/Undertaking Identification
• Scotts UK Professional, Paper Mill Lane, Bramford, Ipswich, Suffolk IP8 4BZ United Kingdom

Emergency telephone number: • ++44 (0) 1865 407333 (24h)

Email: INFO-MSDS@Scotts.com

2. HAZARDS IDENTIFICATION

Classification

The product is non-dangerous in accordance with Directive 1999/45/EC

Most important hazards

None

3. 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
Iron sulphate, FeSO ₄ +1H ₂ O	7720-78-7	10 - 25%	231-753-5	Xn;R22
Talc	14807-96-6	1 - 5%	USA8	NE

NE = Non-Established

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

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:

Coordinate fire extinguishing measures to fire in surrounding area

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. 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 extreme temperatures.

Incompatible products:

No information available

Specific use(s):

Fertilizer.

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 or plastic 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*

Belgium - 8 Hr VLE	0.1 mg/m ³ TWA
Finland - Occupational Exposure Limits - 8 hour	0.2 mg/m ³ TWA
	0.5 mg/m ³ TWA
France INRS (VME)	0.1 mg/m ³ VME
Netherlands - OEL - MACs:	0.075 mg/m ³ MAC
Norway - 8 h:	0.1 mg/m ³ TWA
	0.3 mg/m ³ TWA
Portugal - TWAs	0.025 mg/m ³ TWA
Spain - Valores Limite Ambientales - VLE	0.1 mg/m ³ VLA-ED
Sweden - OEL - 8 Hour	0.1 mg/m ³ LLV
UK EH40 WEL:	LTEL (8 Hr) 6 mg/m ³ (total inhalable dust)
	STEL (15 min) 2.4 mg/m ³ (total respirable dust)

Iron sulphate, 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 h:	0.01 mg/m ³
UK EH40 WEL:	LTEL (8 hr TWA) 1 mg/m ³
	STEL (15 min) 2mg/m ³

Talc

Belgium - 8 Hr VLE	2 mg/m ³ TWA
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Czech Republic OEL	= 10 mg/m ³ TWA
	= 2.0 mg/m ³ TWA
Finland - Occupational Exposure Limits - 8 hour	0.5 fibers/cm ³ TWA
	5 mg/m ³ TWA
Germany TRGS900:	2 A mg/m ³
Netherlands - OEL - MACs:	1 mg/m ³ MAC
Portugal - TWAs	2 mg/m ³ TWA
Spain - Valores Limite Ambientales - VLE	2 mg/m ³ VLA-ED
Sweden - OEL - 8 Hour	1 mg/m ³ LLV
	2 mg/m ³ LLV
UK EH40 WEL:	1 mg/m ³ TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State:	Solid
Color:	Light grey, Beige
Odor:	No information available

Important Health Safety and Environmental Information

Solubility:	Partly soluble
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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

<i>Sand</i>	
LD50/oral/rat =	N.A.
<i>Iron sulphate, FeSO₄+1H₂O</i>	
LD50/oral/rat =	1389 mg/kg

Product information

Local effects

Skin effects:	No information available.
Eye effects:	Contact with eyes may cause irritation.
Inhalation:	No information available.
Ingestion:	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

12. ECOLOGICAL INFORMATION

Product information

Component information

Iron sulphate, 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 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: Solid

ADR/RID

UN-No: Not classified for transport

IATA

UN-No: N.A.

IMO / IMDG

UN-No: Not classified for transport

15. REGULATORY INFORMATION

Indication of danger:

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

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

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