

SAFETY DATA SHEET



Product Name: GREENMASTER MOSSKILLER **Reference No:** 030
Version No.: 2 **Revision Date:** September 2003 **Date of Introduction:** September 1985

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Name GREENMASTER MOSSKILLER
Common name of active ingredient FERROUS SULPHATE
Intended use For use only as a Horticultural Turf Treatment
Company Identification **Scotts UK Professional**
The Scotts Company (UK) Limited
Paper Mill Lane
Bramford, Ipswich **Telephone +44 (0) 1473 830492**
Suffolk IP8 4BZ
Emergency Telephone 01865 407333 (24hr)

2. COMPOSITION / INFORMATION ON INGREDIENTS

JBA No: 020064
NPK: 14-0-0

Chemical Characterisation

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
Ferrous sulphate (anhydrous)	7720-78-7	231-753-5	Xn: R22	24.1%w/w
Sand				0-10.6%w/w

3. HAZARDS IDENTIFICATION

Physicochemical: NOT CLASSIFIED.

Health:

General

Ingestion Low toxicity. May be slightly irritant locally.

Eye contact Low toxicity. May be slightly irritant locally.

Skin contact Low toxicity. May be slightly irritant locally.

Inhalation Low toxicity. May be slightly irritant locally.

Environmental: HARMFUL TO FISH OR AQUATIC LIFE.
Do not contaminate surface waters or ditches with chemical or used containers.

4. FIRST AID MEASURES

General information

Inhalation Remove patient from source of contamination. If irritation persists, seek medical advice.

Skin contact Wash with plenty of water. If irritation persists, seek medical advice.

Eye contact Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. If irritation persists seek medical advice.

Ingestion Seek medical advice.

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5. FIRE FIGHTING MEASURES

General hazard	Non-combustible.
Extinguishing media	Water fog, foam, carbon dioxide (CO ₂) or dry powder extinguishant.
Extinguishing media to avoid	Strong water jet.
Special exposure hazards	May produce fumes if heated to decomposition. Do not breathe fumes.
Protective equipment	Self-contained breathing apparatus and suitable protective clothing.
Further information	Prevent fire water run off from contaminating watercourses or sewers.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up	Wearing protective clothing as detailed in section 8, collect up into labelled containers. Dispose of safely (see also section 13). Wash hands after dealing with spillage.
Environmental considerations	Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

7. HANDLING & STORAGE

Advice on safe handling	Handle in accordance with good hygiene and safety practice.
Storage conditions	Keep in original container, tightly closed, in a safe place.
Shelf life	At least 2 years.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls	Monitoring of the workplace should be considered in accordance with EH40 (or equivalent) controls. LTEL (8 hour TWA): 1mg/m ³ Iron salts (as Fe)* STEL (15 min): 2mg/m ³ Iron salts (as Fe)* LTEL (8 hour TWA 6mg/ m ³ Sand (as for amorphous silica) total inhalable dust.* LTEL (8 hour TWA 2.4mg/ m ³ Sand (as for amorphous silica) total respirable dust.* *Source of information: EH40/2002
Engineering controls	Ensure adequate ventilation of working area.
Personal protection	Observe normal standards for handling chemicals. Avoid inhalation of dust. Wash hands before breaks and after use. 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)
Eye protection	Faceshield (e.g. BSEN1664F)
Skin protection	Nitrile gloves
Respiratory protection	Dust mask (EN149:2001FFP2) (e.g. if ventilation is insufficient)
Other protection	Protective overall and rubber boots.

Product Name:**GREENMASTER MOSSKILLER****Reference No: 030****9. PHYSICAL & CHEMICAL PROPERTIES**

Physical form	Granules
Colour	Grey Brown
Odour	Not available
pH	Not applicable
Boiling pt / range	Not applicable
Flash point	Not applicable
Autoflammability	Not applicable
Bulk density	900g/l
Water solubility	Partially soluble
Additional information	None.

10. STABILITY & REACTIVITY

Stability	Stable under normal conditions.
Conditions to avoid	Contact with alkali
Material to avoid	Alkali
Hazardous reactions	None known.
Hazardous decomposition products	Ammonia
Further information	None

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Oral LD ₅₀	Rat	750mg/kg	Ferrous sulphate
	Dermal LD ₅₀	No data available for the product		
	Inhalation LD ₅₀	No data available for the product		
Dermal compatibility	No data available for the product			
Eye/respiratory tract compatibility	May be slightly irritant locally.			
Further information	None			

12. ECOLOGICAL INFORMATION

Acute toxicity	No data available for the product.
Degradability	No data available for the product.
Further information	Do not allow to get into waste water or waterways. Evaluate any contaminated material accordingly.

13. DISPOSAL CONSIDERATIONS

User	Empty containers must not be used for any other purpose.
Surplus product / bulk spillage	In accordance with national and local authority regulations, e.g. special waste (e.g. Special Waste Regulations) or incineration, after consultation with the operator.

14. TRANSPORT INFORMATION

United Nations number	Not classified for transport.
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15. REGULATORY INFORMATION

Classification & labelling	In accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations (CHIP 3), the product is not classified.	
	This Safety Data Sheet does not form part of the label approved under the Control of Pesticide Regulations 1986.	
	Following the instructions on the pesticide product label for the specified uses should ensure that the product is used safely and efficaciously for those uses.	
	To avoid risks to man and the environment, comply for the instructions for use.	
Current registration no.	UK M11576	EIRE 90716
Previous registration no.	07509, 00881	
Risk phrases	NONE	
Safety phrases / precautions (from the label)	<p>Operator protection WASH HANDS before meals and after work. IN CASE OF CONTACT WITH EYES RINSE IMMEDIATELY with plenty of water and seek medical advice if irritation persists.</p> <p>Environmental protection HARMFUL TO FISH OR OTHER AQUATIC LIFE. Do not contaminate surface waters or ditches with chemical or used container.</p> <p>Storage and disposal KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place. EMPTY CONTAINER COMPLETELY and dispose of safely.</p>	

16. OTHER INFORMATION

Further information	The Control of Substances Hazardous to Health Regulations (COSHH) may be applicable to the use of this product.	
	<u>Risk phrases referred to in section 2 for composite ingredients.</u>	
	R22: Harmful if swallowed.	
	For further advice authorised persons (e.g. doctor) may contact the National Poisons Information Service Centre:	
	UK National number:	0870 600 6266
	Eire (Dublin)	00 3531 8379964 or 00 3531 8379966
Sources of data	EH40/2002 and other suppliers' safety data sheets	
Date of issue	September 2003	

The information on this sheet is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage and use of the product.
It is not applicable to unusual or non-standard uses of the product nor where instructions or recommendations are not followed.