

SAFETY DATA SHEET



Product Name: GREENMASTER LIQUID
Reference No: 055
SPRING AND SUMMER PLUS

Version No. 2 | **Revision date: August 2002** | **Date of Introduction: September 1998**

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Name GREENMASTER LIQUID SPRING AND SUMMER PLUS
Common name of active ingredient Fertiliser salts
Intended use For use only as a Professional Turf Treatment
Company Identification **Scotts UK Professional**
Paper Mill Lane
Bramford
Ipswich IP8 4BZ Telephone +44 (0) 1473 830492
Emergency Telephone 01865 407333 (24hr)

2. COMPOSITION / INFORMATION ON INGREDIENTS

JBA No: 020312
NPK: 8-4-4

Chemical Characterisation AQUEOUS PREPARATION OF METAL SALTS

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
PHOSPHORIC ACID	7664-38-2	231-633-2	C: R34	APPROX. 2%

3. HAZARDS IDENTIFICATION

Physicochemical: NOT CLASSIFIED
Health: NOT CLASSIFIED
General This product is not classified and unlikely to be hazardous under normal conditions of use. The preparation contains a substance that has an Occupational Exposure Limit (OEL)
Ingestion Very low hazard – unlikely to cause a problem
Eye contact Possible irritation and inflammation
Skin contact Very low skin absorption hazard and possible irritation
Inhalation Moderate hazard
Environmental: NOT CLASSIFIED

4. FIRST AID MEASURES

Inhalation If inhaled, provide fresh air, warmth and rest.
Skin contact Wash areas of skin affected with soap and plenty of water.
Eye contact Wash out eye thoroughly with plenty of water until irritation subsides. If necessary, seek medical advice.
Ingestion If product is swallowed, do NOT induce vomiting. Drink plenty of water and show the product label or this safety data sheet.

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5. FIRE FIGHTING MEASURES

General hazard	The product is non combustible. Prevent fore water run-off from entering drains or watercourses.
Extinguishing media	To suit local surroundings (e.g. water, foam, carbon dioxide, dry chemical powder)
Extinguishing media to avoid	Strong water jet.
Special exposure hazards	The thermal decomposition products released should be considered toxic if inhaled. Wear suitable protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up	Adhere to personal protective measures (see section 8). Take up with absorbent material, e.g. sand, sawdust into tightly closable containers. Label container and dispose of as prescribed. .
Environmental considerations	Do not allow to get into waste water or waterways.

7. HANDLING & STORAGE

Advice on safe handling	Handle in accordance with good hygiene and safety practice. Keep away from food, drink and animal feeding stuffs.
Storage conditions	Ensure adequate ventilation of the storage area. Keep containers tightly closed, cool and dry away from foodstuffs.
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): (No limit value quoted) STEL (15 min): 2 mg/m ³ (OES for orthophosphoric acid, EH40/2002)
Engineering controls	Ensure adequate ventilation of working area.
Personal protection	Observe normal standards for handling chemicals. Wash hands before breaks and after use. In case of accidental spillage of bulk product, wear personal protective equipment appropriate to the task (see below)
Eye protection	Faceshield, e.g. BSEN1663F
Skin protection	Rubber gloves
Respiratory protection	Respirator, EN149:2001FFP2, if ventilation is insufficient.
Other protection	Protective overall and rubber boots.

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9. PHYSICAL & CHEMICAL PROPERTIES

Physical form	Liquid
Colour	Not available
Odour	Not available
pH	6.5
Boiling pt / range	~100°C (aqueous)
Melting pt / range	~0°C (aqueous)
Flash point	Not applicable
Autoflammability	Not applicable
Specific gravity	1.146
Viscosity	Not applicable
Water solubility	Completely miscible.
Additional information	Not available

10. STABILITY & REACTIVITY

Stability	Stable under normal conditions of handling for 2 years.
Thermal decomposition	Not applicable
Conditions to avoid	Extremes of temperature
Material to avoid	Strong acids and alkalies
Hazardous reactions	None known
Hazardous decomposition products	Decomposition products released in a fire (e.g. ammonia) should be considered as probably harmful if inhaled.
Further information	None known

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Oral LD ₅₀	No data available for the product
	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	Slight irritation to eyes is possible after acute exposure.	
Further information	According to experience, the product is considered to be harmless to health if handled in the correct manner.	

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

Advice on disposal	In accordance with national and local authority regulations, e.g. special waste (e.g. Special Waste Regulations, 1996) or incineration, after consultation with the operator.
Contaminated packaging	Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.

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14. TRANSPORT INFORMATION

United Nations number Not classified for transport.

15. REGULATORY INFORMATION

Classification & labelling In accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations [CHIP 3], the product is not classified.

Risk phrases NOT REQUIRED

Safety phrases NOT REQUIRED

16. OTHER INFORMATION

The safety data sheet has been revised in the following sections (marked with ##): 2; 8

Risk phrases referred to in section 2 for composite ingredients

R34: Causes burns

Further information 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 837 9964 or 00 3531 837 9966

Sources of data EH40/2002 and other suppliers' safety data sheets

Date of issue 10-08-2002

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.