

# SAFETY DATA SHEET



Product Name: **GREENMASTER LIQUID SPRING & SUMMER** Reference No: 244

Version No. 2 Revision date July 2002 Date of Introduction: January 2001

## 1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

**Product Name** GREENMASTER LIQUID SPRING AND SUMMER  
**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: 020386  
NPK: 14-3-10

**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. 1%
POTASSIUM PYROPHOSPHATE	7320-34-5	230-785-7	Xi: R36	2-5%

## 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

**General information** Not applicable.  
**Inhalation** Remove patient to fresh air.  
**Skin contact** Remove contaminated clothing. Wash affected area with soap and water. Seek medical advice if irritation persists.  
**Eye contact** Irrigate with eyewash or clean water, for at least 15 minutes. If irritation persists seek medical advice.  
**Ingestion** If swallowed do not induce vomiting, seek medical advice and show the label or this Safety Data Sheet.

**5. FIRE FIGHTING MEASURES**

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

**6. ACCIDENTAL RELEASE MEASURES**

<b>Methods for cleaning up</b>	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.
<b>Environmental considerations</b>	Do not allow to get into waste water or waterways.

**7. HANDLING & STORAGE**

<b>Advice on safe handling</b>	Handle in accordance with good hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Keep at a temperature of > 5°C for 24 hours before use.
<b>Storage conditions</b>	Ensure adequate ventilation of the storage area. Keep containers tightly closed, cool and dry away from foodstuffs.
<b>Shelf life</b>	At least 2 years

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Exposure controls</b>	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): 2mg/m <sup>3</sup> (OES for orthophosphoric acid, EH40/2002)
<b>Engineering controls</b>	Ensure adequate ventilation of working area.
<b>Personal protection</b>	Observe normal standards for handling chemicals. Wash hands before breaks and after use. Personal protective equipment is not normally required – gloves can be worn for personal hygiene. <b>In case of accidental spillage of bulk product, wear personal protective equipment appropriate to the task (see below)</b>
<b>Eye protection</b>	Faceshield, e.g. BSEN1663F.
<b>Skin protection</b>	Nitrile gloves
<b>Respiratory protection</b>	Respirator, EN149:2001FFP2, e.g. if ventilation is insufficient.
<b>Other protection</b>	Protective overall and rubber boots.

**9. PHYSICAL & CHEMICAL PROPERTIES**

Physical form	Liquid
Colour	Green
Odour	Not available
pH	Approximately 7.
Boiling pt / range	~100°C
Melting pt / range	~0°C (aqueous)
Flash point	Not applicable
Autoflammability	Not applicable
Specific gravity	Approx. 1.2
Viscosity	Not applicable
Water solubility	Soluble
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 <sub>50</sub>	No data available for the product
	Dermal LD <sub>50</sub>	No data available for the product
	Inhalation LD <sub>50</sub>	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.

**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

**Risk phrases referred to in section 2 for composite ingredients**

R34: Causes burns

R36: Irritating to eyes

**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** 30-07-2002

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.