

SAFETY DATA SHEET



Product Name: **GREENMASTER LIQUID AUTUMN PLUS** Reference No: **056**

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

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Name GREENMASTER LIQUID AUTUMN 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: 020311
NPK: 4-4-8

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	1-2%
TETRA SODIUM EDTA	64-02-8	200-573-9	Xn: R22 Xi: R36	1-2%

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

General information Not applicable.
Inhalation Remove patient from exposure, keep warm and at rest.
Skin contact Wash areas of skin affected with soap and plenty of water.
Eye contact Irrigate with eyewash solution or clean water, for at least 15 minutes. If necessary, seek medical advice.
Ingestion If swallowed seek medical advice and show the label or this Safety Data Sheet. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

General hazard The product is non combustible. Prevent fire 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.
Protective equipment Wear self-contained breathing apparatus and suitable protective clothing.

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): 2mg/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. 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. BSEN1663F
Skin protection	Nitrile gloves
Respiratory protection	Respirator, EN149:2001FFP2, e.g. if ventilation is insufficient.
Other protection	Protective overall and rubber boots.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical form	Liquid
Colour	Brownish
Odour	Not available
pH	6.4
Boiling pt / range	From 100°C
Melting pt / range	~0°C (aqueous)
Flash point	Not applicable
Autoflammability	Not applicable
Specific gravity	1.172
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 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	This product is not classified and unlikely to be hazardous under normal conditions of use.	

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.
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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.
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; 11

Risk phrases referred to in section 2 for composite ingredients.

R22: Harmful if swallowed

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.