

**1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY**

Safety Data Sheet for: **GREENMASTER LIQUID HIGH N**  
Synonyms: None  
Common name of active ingredient: Fertilizer salts  
Intended Use: For use only as a Professional Turf Treatment  
Dilution: Dependent upon situation of use. Refer to product label

For further information contact: Scotts UK Professional, The Scotts Company (UK) Limited, Paper Mill Lane, Bramford, Ipswich, Suffolk England IP8 4BZ. Telephone: (01473) 830492.  
24hr Emergency Line Tel: 01865 407333

Date of Introduction: January 2001  
Date of Withdrawal: -  
Date of Change: -

**2. COMPOSITION INFORMATION ON INGREDIENTS (Directive 91/155/EC & 93/112/EC)**

Spec. No: 007855

NPK: 23-0-0

Ingredient(s)	Composition	CAS No	Symbol	R phrases
Phosphoric acid solution	0-5%w/w	007664-38-2	C	R34
Ammonium nitrate	5-10%w/w	57-13-6	-	-
Tetrapotassium pyrophosphate	5-10%w/w	7320-34-5	Xi	R36
Magnesium nitrate hexahydrate	5-10%w/w	13446-18-9	Xi; O	R8; 36

**3. HAZARDS IDENTIFICATION**

Classification: Not classified (UK CHIP) **Symbol(s):** None required

Ingestion: Low toxicity

Eye contact: May cause irritation and inflammation

Skin contact: Low toxicity, but may cause local irritation and inflammation

Inhalation: Not applicable

PRECAUTIONS (from the label): None

**4. FIRST-AID MEASURES**

Ingestion: If swallowed do not induce vomiting, seek medical advice and show the label or this Safety Data Sheet.

Eye contact: Irrigate with eyewash solution or clean water, for at least 15 minutes. If irritation persists seek medical attention.

Skin contact: Remove contaminated clothing. Wash affected area with soap and water. Seek medical advice if irritation persists.

Inhalation: See box 3

**5. FIRE-FIGHTING MEASURES**

Keep fire exposed containers cool by spraying with water. Use foam, carbon dioxide or dry powder extinguishant, avoid use of water jet. Contain run-off with, for example, temporary earth barriers. Prevent contamination of waterways etc. by collecting/containing run-off.

Self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.



**6. ACCIDENTAL RELEASE MEASURES**

Ensure suitable personal protection during removal of spillages. For large quantities see section 8.

Absorb spillages onto sand, earth or any suitable absorbent material. Transfer to a container for disposal (see section 13). Wash the spillage area with water. Washings must be prevented from entering surface water drains. Spillages or uncontrolled discharge into watercourses must be alerted to the appropriate regulatory body.

**7. HANDLING AND STORAGE**

Storage: Keep in original container, closed and out of the reach of children. Keep away from food, drink and animal feeding stuffs. Protect from extremes of temperature.

**Shelf life:** 2 years  
**Product packaging:** 10 litres  
**Special precautions:** None known  
**Handling:** No specific precautions recommended

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Precautions (from the label) for normal use:** No protective clothing required – gloves may be worn for personal hygiene if required. Take care when lifting.

**In case of accidental spillage:** Wear suitable personal protective clothing such as face and eye protection, gloves, boots and coveralls.

**Occupational Exposure Standard(s):**

Ammonia: 18mg/m<sup>3</sup> LTEL (8hr TWA); 27mg/m<sup>3</sup> STEL (15 min)  
 Magnesium oxide (as Mg):  
 Total inhalable dust: 10 mg/m<sup>3</sup> LTEL (8hr TWA)  
 Fume and respirable dust: 4mg/m<sup>3</sup> LTEL (8hr TWA); 10 mg/m<sup>3</sup> STEL (15 min)  
 Orthophosphoric acid (Phosphoric acid): 2 mg/m<sup>3</sup> STEL (15 min)

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical nature:</b>	Liquid	<b>Flash point:</b>	Not available
<b>Appearance / Odour:</b>	Not available	<b>Flammability:</b>	Not considered to be flammable
<b>Water solubility:</b>	Soluble	<b>Decomposition temperature:</b>	Not available
<b>Lipid solubility:</b>	Not available	<b>Hazardous polymerization:</b>	Not available
<b>Specific Gravity:</b>	Approx.1.2	<b>Explosion limits:</b>	Not available
<b>Boiling point:</b>	Not available	<b>pH:</b>	Formulated to be near neutral pH
<b>Oxidising properties:</b>	None known	<b>Other:</b>	None known

**10. STABILITY AND REACTIVITY**

**Stability (normal conditions):** Considered to be stable  
**Conditions to avoid:** Heating to high temperatures  
**Incompatible with:** Strong acids and strong alkalis  
**Hazardous decomposition products:** None known

**11. TOXICOLOGICAL INFORMATION**

Not available

**12. ECOLOGICAL INFORMATION**

Not available

**13. DISPOSAL CONSIDERATIONS:**

**User:** Place empty container in domestic refuse.

**Surplus Bulk Product / Spillage:** Dispose via local authority or authorised waste disposal contractor.

**14. TRANSPORT INFORMATION:**

Not classified



**15. REGULATORY INFORMATION:**

**Classification:** Not classified

**Symbol(s):** Not required

**Current Registration Number:** Not applicable

**Previous Registration Number(s):** Not applicable

**PRECAUTIONS (from the label):** Take care when lifting

This product is classified in accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations 1999.

The Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

**16. OTHER INFORMATION**

For further advice authorized persons (Doctor/Veterinary Surgeon) may contact the National Poisons Information Service Centre:

UK National Number: 0870 6006266

Eire (Dublin): 00 353 1 8379964 or 00 353 1 8379966

Veterinary only: London VPIS: 020 76359195 or Leeds VPIS: 0113 2450530

**Reference number:** SDS No:243

**Version:** 1

**Date of Sheet:** 12<sup>th</sup> August 2001

The appearance of a 'REVISION' stamp and/or colour line in the border of any of the boxes indicates a change in the information to the previous issue.

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.