

**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/m³ LTEL (8hr TWA); 27mg/m³ STEL (15 min)
 Magnesium oxide (as Mg):
 Total inhalable dust: 10 mg/m³ LTEL (8hr TWA)
 Fume and respirable dust: 4mg/m³ LTEL (8hr TWA); 10 mg/m³ STEL (15 min)
 Orthophosphoric acid (Phosphoric acid): 2 mg/m³ STEL (15 min)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical nature:	Liquid	Flash point:	Not available
Appearance / Odour:	Not available	Flammability:	Not considered to be flammable
Water solubility:	Soluble	Decomposition temperature:	Not available
Lipid solubility:	Not available	Hazardous polymerization:	Not available
Specific Gravity:	Approx.1.2	Explosion limits:	Not available
Boiling point:	Not available	pH:	Formulated to be near neutral pH
Oxidising properties:	None known	Other:	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: 12th 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.