

SAFETY DATA SHEET



Product Name:	HI-LITE SPORTSMASTER PS3	Reference No: 305
Version No. 1	Revision date N/A	Date of Introduction: September 2002

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Name	HI-LITE SPORTSMASTER PS3		
Common name of active ingredient	Fertiliser salts		
Intended use	Use only as a turf fertiliser		
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: 020220
NPK: 5-11-11

Chemical Characterisation PREPARATION OF SALTS AND AMORPHOUS SILICA

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
FERROUS SULPHATE	7720-78-7	231-753-5	Xn: R22	10-20%

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 substances that have an Occupational Exposure Limit (OEL).
Ingestion	Very low hazard – unlikely to cause a problem.
Eye contact	Possible irritation.
Skin contact	Very low skin absorption hazard and possible irritation.
Inhalation	Very low hazard (granular product).
Environmental:	NOT CLASSIFIED

4. FIRST AID MEASURES

Inhalation	Not applicable
Skin contact	Wash areas of skin affected with plenty of water.
Eye contact	Wash out eye thoroughly with plenty of water until irritation subsides. If necessary, seek medical advice.
Ingestion	Accidental ingestion is unlikely to cause significant toxicity. Patients who ingest the formulation deliberately should be referred for medical assessment.

5. FIRE FIGHTING MEASURES

General hazard	THE PRODUCT IS NON COMBUSTIBLE
Extinguishing media	To suit local surroundings (e.g. water fog, foam, carbon dioxide, dry chemical powder)
Extinguishing media to avoid	Water jet.
Special exposure hazards	The thermal decomposition products released should be considered toxic if inhaled. Prevent fire water run-off from entering drains.
Protective equipment	Self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up	Adhere to personal protective measures (see section 8). Take up mechanically (e.g. sweep or vacuum up). 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.
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): 1 mg/m ³ (OES for iron salts as Fe, EH40/2002) STEL (15 min): 2 mg/m ³ (OES for iron salts as Fe, EH40/2002) LTEL (8 hour TWA): 6 mg/m ³ (OES for total inhalable silica dust, EH40/2002) LTEL (8 hour TWA): 2.4mg/m ³ (OES for respirable silica dust, EH40/2002)
Engineering controls	Ensure adequate ventilation of working area.
Personal protection	Observe normal standards for handling chemicals. Avoid inhalation of dust. 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, BSEN1664F.
Skin protection	Rubber gloves
Respiratory protection	Dust mask, EN149:2001FFP2 (e.g. if ventilation is insufficient)
Other protection	Protective overall and rubber boots.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical form	Granules.
Colour	Brownish.
Odour	Not available.
pH	3-6.
Boiling pt / range	Not applicable.
Melting pt / range	Not determined.
Flash point	Not applicable.
Autoflammability	Not applicable.
Bulk density	Not available.
Viscosity	Not applicable.
Water solubility	Partially.
Additional information	Not applicable.

10. STABILITY & REACTIVITY

Stability	Stable under normal conditions of handling for 2 years.
Thermal decomposition	> 100°C
Conditions to avoid	Alkalies, extremes of temperature
Material to avoid	Strong 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	Rat	1480mg/kg	Data for ferrous sulphate
	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. Prolonged or repeated exposure may cause temporary scratchiness or redness to eyes and chronic pulmonary disease			
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**Risk phrases referred to in section 2, for composite ingredients**

R22: Harmful if swallowed

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** 12-08-2002

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.