



Material Safety Data Sheet

MSDS No.	2031	Issue Date : March 2008	Issued by Scotts Australia Pty Ltd
Product Name:	SPORTSMASTER HI N 22-2-8		

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name SPORTSMASTER HI N 22-2-8
Product Code 4266
Manufacturer SCOTTS AUSTRALIA PTY LTD
Address 11 Columbia Way Baulkham Hills
NSW 2153 Australia
Emergency Tel. 1800 033 111
Telephone/Fax Tel:(02) 8853 7300
Number Fax:(02) 8853 7310
Recommended Use Fertiliser

2. HAZARDS IDENTIFICATION

Hazard Classification Not classified as hazardous according to NOHSC. Not classified as dangerous goods according to the ADG Code.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion	Ingredients
	Sulphur	7704-34-9	1-5%	
	Magnesium oxide	1309-48-4	1-5%	
	Calcium sulphate dehydrate	10101-41-4	<1%	
	Iron sulphate	7720-78-7	<1%	
	Ammonium nitrate	6484-52-2	>25%	

4. FIRST AID MEASURES

Inhalation Remove patient to fresh air. Get medical attention if irritation occurs and persists. Possible symptoms are coughing and/or dyspnoea.
Ingestion Do not induce vomiting without medical advice. If a person vomits when lying on his back, place him in the recovery position. Never give anything by mouth to an unconscious person. In case of respiratory difficulties practice oxygenotherapy.
If poisoning occurs, contact a doctor or Poisons Information Centre, phone 13 11 26 (Australia) or 0800 764 766 (New Zealand).
Skin Wash thoroughly. Get medical attention if irritation occurs and persists.
Eye Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Co-ordinate fire extinguishing measures to fire in surrounding area.
Hazards from Combustion Products Thermal decomposition can lead to release of irritating gases and vapours.
Special Protective Equipment for fire fighters In the event of fire and/or explosion do not breathe fumes. Wear self contained breathing apparatus for fire fighting if necessary. Evacuate area and fight fire from a safe distance.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Avoid dust formation. Ensure adequate ventilation. Wear PPE.
Prevent product from entering drains. Do not contaminate surface water.
Sweep up spills and return to original container if product usable. If not usable dispose of at an approved waste disposal site.

7. HANDLING AND STORAGE

Precautions for Safe Handling Keep away from open flames, hot surfaces and sources of ignition.
Conditions for Safe Storage Keep away from heat and sources of ignition. Keep away from food, drink and animal feeding stuffs. For quality reasons: Keep out of reach of direct sunlight, store under dry conditions, partly



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used bags should be closed well. Keep at temperatures between 0°C and 40°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	Australian Safety and Compensation Council(ASCC) Exposure Standards:				
	Substance	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
	Magnesium oxide (fume)	-	10	-	-
	New Zealand Occupational Health & Safety Service (OSH) Workplace Exposure Standards:				
	Magnesium oxide (fume)	-	10	-	-
	The exposure standard for dust not otherwise specified is 10 mg/m ³ (for inspirable dust) and 3 mg/m ³ (for respirable dust). The limit applies to both Australia and New Zealand.				
Biological Limit Values	None allocated.				
Engineering Controls	Ensure adequate ventilation.				
Respiratory Protection	Not applicable				
Hand Protection	PVC or other plastic material gloves.				
Eye/face protection	Safety glasses				
Skin and body Protection	Usual safety precautions while handling the product will provide adequate protection against this potential effect.				

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Brown, pink, grey granules
Odour	Not available
Melting Point	Not available
Boiling Point	Not available
Solubility in Water	Coating not soluble, release nutrients through coating.
pH Value	Not available
Vapour Pressure	Not available
Vapour Density (Air=1)	Not available
Bulk density	800-1100kg/m ³
Decomposition temperature	>150°C
Flashpoint	Not available
Flammable Limits	Non-flammable

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Keep away from open flames, hot surfaces and sources of ignition.
Materials to avoid	Combustible material
Hazardous Decomposition Products	No decomposition of stored normally. Thermal decomposition may lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

Inhalation	May cause sensitisation by inhalation.
Ingestion	Ingestion may cause gastro-intestinal irritation, nausea, vomiting and diarrhoea.
Skin	May cause skin irritation in susceptible persons.
Eye	Contact with eyes may cause irritation.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Component information: Iron sulphate:
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EC50/48h/daphnia: >100mg/L
LC50/96h/rainbow trout: >72.5mg/L (6d)
EC50/72h/algae: >22mg/L

Ammonium nitrate:
EC50/48h/daphnia: 100µg/L
LC50/96h/rainbow trout: 10µg/L
EC50/72h/algae: 74000µg/L

Persistence / Degradability No information available.
Environ. Protection Prevent product or empty packaging from entering waterways.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations Use up product completely. Empty containers can be landfilled when in compliance with local regulations.

14. TRANSPORT INFORMATION

Transport Information Not classified as dangerous goods according to the ADG Code.

15. REGULATORY INFORMATION

Regulatory Information No information available.
Poisons Schedule Not a scheduled poison.

16. OTHER INFORMATION

Date of preparation or last revision of MSDS MSDS Created: March 2008

Contact Person/Point Scotts Australia Pty Ltd
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...End of MSDS...

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Phone (09) 299 6558
Fax (09) 296 0186
Emergency phone 0800 734 607