Material Safety Data Sheet

MSDS No.	2029	Issue Date : December 2007	Issued by Scotts Australia Pty Ltd

Product Name: **SIERRASOL TURF HI N 28+2+15**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	SIERRASOL TURF HI N 28+2+15
Product Code	3537
Manufacturer	SCOTTS AUSTRALIA PTY LTD
Address	11 Columbia Way Baulkham Hills NSW 2153 Australia
Emergency Tel.	1800 033 111
Telephone/Fax Number	Tel:(02) 8853 7300 Fax:(02) 8853 7310
Recommended Use	Fertiliser

2. HAZARDS IDENTIFICATION

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	**Name**	**CAS**	**Proportion Ingredients**
	Magnesium sulphate	7785-87-7	< 1 %
	Potassium nitrate	7757-79-1	> 25 %
	Sodium molybdate	7631-95-0	< 1 %

4. FIRST AID MEASURES

Inhalation	Possible symptoms are coughing and/or dyspnoea. If not breathing, give artificial respiration. If symptoms persist, call a physician.
Ingestion	Possible symptoms are nausea and/or vomiting. Clean mouth with water and drink plenty of water. If a person vomits when lying on his back, place him in the recovery position. Never give anything by mouth to an unconscious person. If poisoning occurs contact a doctor or poisons information centre.
Skin	Wash thoroughly. Seek medical attention if irritation occurs and persists.
Eye	Flush with water holding eyelids open. Seek medical attention if irritation occurs and persists.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Coordinate fire extinguishing measures to fire in surrounding area.
Hazards from Combustion Products	Danger of toxic gases in smoke in case of fire.
Special Protective Equipment for fire fighters	The product is not flammable. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Evacuate area and fight fire from a safe distance.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Sweep or shovel 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	Provide appropriate exhaust ventilation at places where dust is formed. Avoid dust formation. Avoid contact with skin and eyes.
Conditions for Safe Storage	Keep containers dry and tightly closed to avoid moisture absorption and contamination. Keep away from food, drink and animal feeding stuffs. For quality reasons: Keep out of reach of direct sunlight, store under dry conditions, partly used bags should be closed well. Keep at temperatures between 0°C and 40°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	The exposure standard for dust not otherwise specified is 10 mg/m³ (for inspirable dust) and 3 mg/m³ (for respirable dust). The limit applies to both Australia and New Zealand.

Biological Limit Values	None allocated
Engineering Controls	Ensure adequate ventilation.
Respiratory Protection	In case of insufficient ventilation wear suitable respiratory equipment.
Hand Protection	PVC disposable gloves.
Eye/face protection	Safety glasses.
Skin and body Protection	Wear suitable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid, off-white powder.
Odour	Not available
Melting Point	Not available
Boiling Point	Not available
Solubility in Water	Completely soluble in water. (47kg/100L)
pH Value	Not available
Vapour Pressure	Not available
Vapour Density (Air=1)	Not available
Bulk density	901kg/m^3
Decomposition temperature	Not available
Flashpoint	Not available
Flammable Limits	Not flammable

10. STABILITY AND REACTIVITY

Chemical Stability	This product is stable under recommended storage conditions.
Conditions to Avoid	None known.
Materials to avoid	Combustible materials.
Hazardous Decomposition Products	No decomposition if stored normally. Thermal decomposition can 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	May cause eye irritation in susceptible persons.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Will degrade over time on contact with soil.
Persistence / Degradability	Will not bioaccumulate
Environ. Protection	Prevent product and empty packaging from entering drains, sewers, streams, ponds and other waterways.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations	Use product as intended. Dispose of empty packaging at an approved waste disposal site.

14. TRANSPORT INFORMATION

Transport Information	Not classified as dangerous goods according to the Australian Dangerous Goods Code, the IATA Code or the IMDG 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: December 2007	
Contact Person/Point	Scotts Australia Pty Ltd 11 Columbia Way Baulkham Hills NSW 2153 Phone (02) 8853 7300 Fax (02) 8853 7310 Emergency phone 1800 033 111	New Zealand: 180c Great South Rd Takanini, Auckland Phone (09) 299 6558 Fax (09) 296 0186 Emergency phone 0800 734 607

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