



Material Safety Data Sheet

MSDS No.	2028	Issue Date : October 2007	ISSUED by SCOTTS AU
Product Name: SIERRAFORM GT SPRING START			

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	SIERRAFORM GT SPRING START 16+0+13
Product Code	4014
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	Australia: Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia. Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. New Zealand: Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001. Not classified as Dangerous Goods for transport, according to the New Zealand Standard NZS 5433:1999 Transport of Dangerous Goods on Land. HSNO classification: 6.3B Substance that is irritating to the skin Hazard statement code: H316- Causes mild skin irritation. Precautionary statement codes- prevention: P103- Read label before use. Precautionary statement codes- response: P332+P313- If skin irritation occurs: Get medical advice/attention.
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3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion	Ingredients
	Iron sulphate	7720-78-7	1 - 5%	
	Potassium sulphate	7778-80-5	> 25%	
	Talc	14807-96-6	1 - 5%	

4. FIRST AID MEASURES

Inhalation	In case of shortness of breath, give oxygen. Possible symptoms are coughing and/or dyspnoea. Move to fresh air. If symptoms persist, call a doctor or Poisons Information Centre on 13 11 26 (Australia) or 0800 764 766 (New Zealand).
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. Possible symptoms are nausea and/or vomiting. If poisoning occurs contact a doctor or Poisons Information Centre on 13 11 26 (Australia) or 0800 764 766 (New Zealand).
Skin	If a person feels unwell or symptoms of skin irritation appear, consult a doctor.
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	Coordinate fire extinguishing measures to fire in surrounding area.
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Hazards from Combustion Products Thermal decomposition can lead to release of irritating gases and vapours.

Special Protective Equipment for fire fighters Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Ensure adequate ventilation. Avoid dust formation. Use personal protective equipment.
Prevent product from entering drains. Do not contaminate surface water. Shovel or sweep up. Do not create a powder cloud by using a brush or compressed air. Prevent product from entering drains.

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards Australian National Occupational Health And Safety Commission (NOHSC)
Exposure Standards:

Substance	TWA	mg/m ³	STEL	mg/m ³
Talc (containing no asbestos fibres)	-	2.5	-	-

New Zealand Occupational Safety and Health Service (OSH) Workplace
Exposure Standards:

Substance	TWA	mg/m ³	STEL	mg/m ³
Talc (containing no asbestos fibres)	-	2 (respirable dust)	-	-

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 Not required

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 Dark grey, brownish granules

Odour Not available

Melting Point Not available

Boiling Point Not available

Solubility in Water Moderately soluble

pH Value Not available

Vapour Pressure Not available

Vapour Density Not available



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(Air=1)

Bulk density	800-1100kg/m ³
Decomposition temperature	>150°C
Flashpoint	Non-flammable
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 materials.
Hazardous Decomposition Products	No decomposition of stored normally. Thermal decomposition may lead to release of irritating bases 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: EC50/48hr/daphnia >100mg/L LC50/96hr/rainbow trout >72.5mg/L (6d) EC50/72hr/algae 22mg/L Potassium sulphate LC50/96hr/rainbow trout 890mg/L
Persistence / Degradability	Will not bioaccumulate.
Environ. Protection	Do not allow product or empty container to enter drains, sewers, streams, ponds or other waterways.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations	Use up product completely. Empty container can be landfilled when in compliance with local regulations.
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14. TRANSPORT INFORMATION

Transport Information	Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Not classified as Dangerous Goods for transport, according to the New Zealand Standard NZS 5433:1999 Transport of Dangerous Goods on Land.
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15. REGULATORY INFORMATION

Regulatory Information	HSNO Approval Code HSR000257
Poisons Schedule	Not a scheduled poison.

16. OTHER INFORMATION

Date of preparation or last revision of MSDS MSDS Created: October 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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