



Material Safety Data Sheet

MSDS No.	2017	Issue Date : March 2008	Issued by Scotts Australia Pty Ltd
Product Name:	SIERRABLEN TURF STARTER 16+11+10		

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	SIERRABLEN TURF STARTER 16+11+10
Product Code	4280
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 ASCC. Not classified as dangerous goods according to the ADG Code.
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3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion	Ingredients
	Sulphur	7704-34-9	1-5%	
	Calcium sulphate dehydrate	10101-41-4	<1%	
	Iron sulphate	7720-78-7	<1%	

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 poisoning occurs contact 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, phone 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. Rinse with plenty of water.
Eye	Flush eyes with water as a precaution. If eye irritation persists, consult a specialist.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Coordinate 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. Sweep up to prevent slipping hazard. Shovel or sweep into containers. Use as intended or dispose of waste at an approved waste disposal facility. Prevent product from entering waterways.
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7. HANDLING AND STORAGE

Precautions for Safe Handling	Keep away from flammable material. When using do not eat or drink.
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. Not compatible



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with oxidising and spontaneously flammable products.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	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	Respiratory protection should not be required for normal use/handling.
Hand Protection	PVC or other plastic material gloves.
Eye/face protection	Safety glasses.
Skin and body Protection	Not applicable

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Brown, pink, greenish granules.
Odour	No information available
Melting Point	Not available
Boiling Point	Not available
Solubility in Water	Coating not soluble, nutrients release through coating
pH Value	Not available
Vapour Pressure	Not available
Vapour Density (Air=1)	Not available
Bulk density	957kg/m ³
Decomposition temperature	>150°C
Flashpoint	Not available
Flammable Limits	Not flammable

10. STABILITY AND REACTIVITY

Chemical Stability	This product is 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 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 or diarrhoea.
Skin	May cause skin irritation in susceptible persons.
Eye	May cause eye irritation.

12. ECOLOGICAL INFORMATION

Ecotoxicity	<i>Iron sulphate, FeSO₄·1H₂O</i> LD50/oral/rat = 1389 mg/kg	EC50/48h/daphnia = >100mg/L LC50/96h/rainbow trout = >72.5mg/L (6d) EC50/72h/algae = 22mg/L
Persistence / Degradability	Will not bioaccumulate.	
Environ. Protection	Prevent product and empty packaging from entering drains, sewers, streams, ponds and other waterways.	

13. DISPOSAL CONSIDERATIONS



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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.

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

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Baulkham Hills NSW 2153
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Fax (02) 8853 7310
Emergency phone 1800 033 111
...End of MSDS...

New Zealand:
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Phone (09) 299 6558
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Emergency phone 0800 734 607