



# Material Safety Data Sheet

MSDS No.	2002	Issue Date : November 2007	Issued by Scotts Australia Pty Ltd
Product Name:	<b>SIERRABLEN MINI NITROGEN</b>		

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## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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<b>Product Name</b>	SIERRABLEN MINI NITROGEN 38+0+0
<b>Product Code</b>	4170
<b>Manufacturer</b>	SCOTTS AUSTRALIA PTY LTD
<b>Address</b>	11 Columbia Way Baulkham Hills NSW 2153 Australia
<b>Emergency Tel.</b>	1800 033 111
<b>Telephone/Fax</b>	Tel:(02) 8853 7300
<b>Number</b>	Fax:(02) 8853 7310
<b>Recommended Use</b>	Fertiliser

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## 2. HAZARDS IDENTIFICATION

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<b>Hazard Classification</b>	Not classified as hazardous according to NOHSC. Not classified as dangerous goods according to the ADG Code.
<b>Risk &amp; Safety phrases</b>	None allocated.

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Biuret	108-19-0	1-5%
	Sulphur	7704-34-9	10-25%

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## 4. FIRST AID MEASURES

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<b>Inhalation</b>	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. Phone 13 11 26 (Australia) or 0800 764 766 (New Zealand).
<b>Ingestion</b>	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).
<b>Skin</b>	If a person feels unwell or symptoms of skin irritation appear, consult a doctor.
<b>Eye</b>	Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

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## 5. FIRE FIGHTING MEASURES

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<b>Suitable Extinguishing Media</b>	Coordinate fire extinguishing measures to fire in surrounding area.
<b>Hazards from Combustion Products</b>	Thermal decomposition can lead to release of irritating gases and vapours.
<b>Special Protective Equipment for fire fighters</b>	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.

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## 6. ACCIDENTAL RELEASE MEASURES

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<b>Emergency Procedures</b>	Avoid dust formation. Ensure adequate ventilation. Prevent product from entering drains. Do not contaminate surface water. Shovel or sweep up. Use up product completely. Packaging material is industrial waste.
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## 7. HANDLING AND STORAGE

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<b>Precautions for Safe Handling</b>	Keep away from open flames, hot surfaces and sources of ignition.
<b>Conditions for Safe Storage</b>	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	None allocated.
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	Not required.
Skin and body Protection	Usual safety precautions while handling the product will provide adequate protection against this potential effect. When using, do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid, orange granules
Odour	No significant odour.
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	750-1100kg/m <sup>3</sup>
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	Oxidizing agents
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 sensitization by inhalation.
Ingestion	Ingestion may cause gastro-intestinal irritation, nausea vomiting and diarrhoea.
Skin	May cause skin irritation in susceptible persons
Eye	Contact with eye may cause irritation.

## 12. ECOLOGICAL INFORMATION

Ecotoxicity	No information available.
Persistence / Degradability	Will not bioaccumulate.
Environ. Protection	Do not allow product or empty containers to enter drains, sewers, streams or ponds.

## 13. DISPOSAL CONSIDERATIONS

Disposal Considerations	Use up product completely. Empty packaging may be landfilled when in compliance with local regulations.
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**14. TRANSPORT INFORMATION**

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**Transport Information** Not classified as dangerous goods according to the Australian Dangerous Goods Code.

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**15. REGULATORY INFORMATION**

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**Regulatory Information** No information available

**Poisons Schedule** Not a scheduled poison.

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**16. OTHER INFORMATION**

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**Date of preparation or last revision of MSDS** MSDS Created: November 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  
...End Of MSDS...

New Zealand:  
180c Great South Rd  
Takanini, Auckland  
Phone (09) 299 6558  
Fax (09) 296 0186  
Emergency phone 0800 734 607