



# Material Safety Data Sheet

MSDS No.	2011	Issue Date : November 2007	Issued by Scotts Australia Pty Ltd
Product Name:	<b>SIERRABLEN NPK MINI</b>		

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## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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Product Name	SIERRABLEN NPK MINI 2-3 month
Product Code	4212
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

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## 2. HAZARDS IDENTIFICATION

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Hazard Classification	Not classified as hazardous according to NOHSC. Not classified as dangerous goods according to the ADG Code.
Risk & Safety phrases	None allocated.

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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Ingredients	Name	CAS	Proportion Ingredients
	Iron sulphate	7720-78-7	<1%
	Calcium carbonate	471-34-1	<1%
	Calcium sulphate dihydrate	10101-41-4	1-5%
	Biuret	108-19-0	1-5%
	Sulphur	7704-34-9	5-10%

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## 4. FIRST AID MEASURES

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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	If poisoning occurs, contact a doctor or poisons information centre on 13 11 26 (Australia) or 0800 764 766 (New Zealand). 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.
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.

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## 5. FIRE FIGHTING MEASURES

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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	Wear self contained breathing apparatus for fire fighting if necessary.

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## 6. ACCIDENTAL RELEASE MEASURES

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Emergency Procedures	Ensure adequate ventilation. Avoid dust formation. Use personal protective equipment. Wear 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.
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## 7. HANDLING AND STORAGE

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

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>National Exposure Standards</b>	None allocated.
<b>Biological Limit Values</b>	None allocated
<b>Engineering Controls</b>	Ensure adequate ventilation.
<b>Respiratory Protection</b>	Not applicable.
<b>Hand Protection</b>	PVC or other plastic material gloves.
<b>Eye/face protection</b>	Safety glasses
<b>Skin and body Protection</b>	Usual safety precautions while handling the product will provide adequate protection against this potential effect.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Brown, pink, greenish solid granules.
<b>Odour</b>	No significant odour
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	Not available
<b>Solubility in Water</b>	Coating not soluble, releases nutrients through coating.
<b>pH Value</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (Air=1)</b>	Not available
<b>Bulk density</b>	800-1100kg/m <sup>3</sup>
<b>Decomposition temperature</b>	>150°C
<b>Flashpoint</b>	Non-flammable
<b>Flammable Limits</b>	Non-flammable

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

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

## 12. ECOLOGICAL INFORMATION

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



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### 13. DISPOSAL CONSIDERATIONS

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**Disposal Considerations** Use up product completely. Empty packaging can 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	New Zealand:
11 Columbia Way	180c Great South Rd
Baulkham Hills NSW 2153	Takanini, Auckland
Phone (02) 8853 7300	Phone (09) 299 6558
Fax (02) 8853 7310	Fax (09) 296 0186
Emergency phone 1800 033 111	Emergency phone 0800 734 607
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