



# MATERIAL SAFETY DATA SHEET

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MSDS Number 2037

## STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to criteria of Worksafe Australia.

## COMPANY DETAILS

Company Scotts Australia Pty. Ltd.  
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Emergency Telephone Number Australia: 1800 033 111  
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## IDENTIFICATION

Product Name **SIERRABLEN MINI TURF HIGH N 22+2.2+8.3**  
Other Names Sierrablen Fine Hi N (5-6)  
Manufacturers Product Code 8692  
UN Number None allocated  
Dangerous Goods Class Not a Dangerous Good  
Sub-Risk Class Not applicable  
Packaging Group Not applicable  
Hazchem Code Not applicable  
Poisons Schedule Not scheduled as a poison  
Uses Fertiliser

## Physical Description /Properties

Appearance & Odour Granule  
Melting point/softening point Not available  
Boiling Point Not available  
Vapour Pressure Not available  
Flashpoint Not flammable  
Flammability Limits Not flammable  
Solubility in Water Partly soluble  
pH Not available  
Incompatibility None known  
Bulk Density Not available  
Volatile Proportion Not volatile  
Corrosiveness Not corrosive

## Ingredients

Ingredient	Chemical Name	CAS Number	Proportion % w/v
Active ingredients	Sulphur	7704-34-9	<5%
	Urea	57-13-6	40-60%
	Monoammonium Phosphate	7722-76-1	10-20%
	Potassium Chloride	7447-40-7	10-20%
	Superphosphate	7758-23-8	5-10%
	Ferrous Sulfate	7782-63-0	<5%
	Sulfate of Potash Magnesia	17855-14-0	<5%
Inerts	Iron Oxide	1309-37-1	<5%

**HEALTH HAZARD INFORMATION**

**Health Effects**

Acute

Swallowed This product has low toxicity but in large amounts may cause nausea, vomiting and diarrhea.  
 Eye May cause eye irritation.  
 Skin May cause skin irritation  
 Inhaled This product is formulated as a granule and is unlikely to be inhaled but if granule breakdown leads to dust formation then inhalation of product in dust form may cause irritation.

Chronic

The product has low chronic toxicity. No long term effects are known.

**First Aid**

Swallowed Rinse mouth with water. Give a glass of water to drink. If poisoning occurs, contact a doctor or Poisons Information Centre [phone 131126]. If large amounts are ingested induce vomiting.  
 Eyes Flush with water holding eyelids open. Get medical attention if irritation occurs and persists.  
 Skin Wash thoroughly with soap and water. Get medical attention if irritation occurs and persists.  
 Inhaled Remove patient to fresh air. Get medical attention if irritation occurs and persists.  
 First Aid Facilities Eye wash, water, soap  
**Advice to Doctor** Not hazardous according to NOHSC criteria. Provide symptomatic and supportive care.

Medical conditions which may be aggravated by contact Skin abrasions and sores. Inhalation of dust may aggravate asthma

**PRECAUTIONS FOR USE**

Exposure Standards	Exposure limits for the constituents of this product are as follows:		
	Constituent	OSHA PEL	ACGIH TLV
	Sulphur	None	None
	Urea	None	None
	Monoammonium Phosphate	None	None
	Potassium Chloride	None	None
	Super phosphate	None	None
	Ferrous Sulfate	1mg(Fe)/m <sup>3</sup> TWA	1mg(Fe)/m <sup>3</sup> TWA
	Sulfate of Potash Magnesia	None	None
	Iron Oxide	10mg/m <sup>3</sup>	10mg/m <sup>3</sup>
	Nuisance dust	15 mg/m <sup>3</sup> (total dust)	10 mg/m <sup>3</sup> (respirable)

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Engineering Controls	Ensure ventilation is adequate and that air concentrations are controlled below quoted Exposure Standards. Avoid generating and inhaling dusts. Keep containers closed when not in use.
Personal Protection	<p><u>Precautionary Measures:</u> <u>Eye Protection:</u> Protective eye wear is normally not required when handling this product but is suggested to avoid eye contact. <u>Skin Protection:</u> Although this material does not present a significant skin concern, minimise skin contamination by following good industrial practice. Wash hands and contaminated skin thoroughly after handling. Wear gloves if in regular contact. <u>Respiratory Protection:</u> Respiratory protection should not be required for normal use/handling. Avoid breathing dust. If airborne dust levels are high, a dust mask is recommended to avoid inhalation. The respirator use limitations specified by the manufacturer must be observed. Respirators must be in compliance with AS/NZS 1715 and AS/NZS 1716.</p>
Flammability	The product is not flammable.

**SAFE HANDLING INFORMATION**

Storage and Transport	Not classified as a Dangerous Good by the criteria of the Australian Dangerous Goods Code [ADG Code] or the criteria of the International Maritime Dangerous Goods Code [IMDG Code] or by the International Air Transport Association [IATA]. Avoid container breakage. Keep away from food, feed or feedstuffs. Avoid contact with skin, eyes or clothing. Wash after handling. Keep out of reach of children.
Spills and Disposal	Sweep up spills and return to original container if product usable. If not usable dispose of at an approved waste disposal site.
Fire/Explosion Hazard	<p><u>Stability:</u> This product is stable under normal conditions. <u>Hazardous polymerisation:</u> Will not occur. <u>Conditions to avoid:</u> None known. <u>Hazardous decomposition products:</u> In a fire, thermal decomposition of urea and methylene urea will generate ammonia. Oxides of nitrogen, sulphur and carbon are also possible. <u>Chemical incompatibilities:</u> None known <u>Unusual fire, explosion and reactivity hazards:</u> Sulphur dust can form explosive mixtures with air. If product consumed in a fire, toxic sulphur dioxide will form. <u>In case of fires:</u> Use self-contained air supply. <u>Extinguishing media:</u> Dry chemical, water fog, foam, CO<sub>2</sub>.</p>

**OTHER INFORMATION**

Environmental Protection	Keep out of lakes, streams, ponds and other waterways.
Animal Toxicity Data	None available.
Bioaccumulation	Will not bioaccumulate.
Degradation	Will degrade on contact with soil.
National Registration Authority registration number	Registration is not required

**CONTACT POINT**

Emergency Response for Transport and Exposure	Scotts Australia Pty Ltd
Australia: 1800 033 111	11 Columbia Way
New Zealand: 0800 734 607	Baulkham Hills NSW 2153
	Phone (02) 8853 7300
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