



MATERIAL SAFETY DATA SHEET

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Date of Issue May 2003
MSDS No. 3002

STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to the criteria of Worksafe Australia.

COMPANY DETAILS

Company	Scotts Australia Pty. Ltd.	
Address	Australia:	New Zealand:
	11 Columbia Way, Baulkham Hills, NSW, 2153	180c Great South Rd Takanini, Auckland
Telephone Number	(02) 8853 7300	(09) 299 6558
Fax	(02) 8853 7310	(09) 296 0186
Emergency Telephone Number	Australia: 1800 033 111	New Zealand: 0800 734 607

IDENTIFICATION

Product Name	FORESTCOTE CONTROLLED RELEASE FERTILISER
Other Names	-
Manufacturers Product Code	8679F
UN Number	None allocated
Dangerous Goods Class	Not a Dangerous Good according to Australian ADG Code
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	Mixed light and dark tan spherical prills. Odourless.
Melting point/softening point	
Boiling Point	Decomposes on heating.
Vapour Pressure	Not known
Flashpoint	Not flammable.
Flammability Limits	
Solubility in Water	80-85%
pH	
Incompatibility	
Specific Gravity	1.1 (H ₂ O=1)
Bulk density	
Volatile Proportion	Not volatile
Corrosiveness	

Ingredients

Ingredient	Chemical Name	CAS Number	Proportion %
Active ingredients	Ammonium Nitrate	6484-52-2	10-30%
	Potassium Sulfate	7778-80-5	10-30%
	Urea	0057-13-6	10-30%
	Ammonium Phosphate	7783-28-0	10-30%
	Calcium Phosphates	1306-06-5	10-30%
	Calcium Flouride	7789-75-5	<2%
Inerts	Resin coating fluoride		<1%

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HEALTH HAZARD INFORMATION

Health Effects

Acute

Swallowed This product has low toxicity but in large amounts may cause nausea, vomiting, gastric irritation and diarrhoea.

Eye May cause eye irritation.

Skin Prolonged exposure may cause irritation.

Inhaled The product is formulated as an organic resin coated granule and is unlikely to be inhaled. Inhalation of degraded product in dust form may cause irritation of nose and throat and cause coughing.

Chronic
The product has low chronic toxicity.

First Aid

Swallowed Rinse mouth with water. Give a glass of water to drink. If poisoning occurs, contact a doctor or Poisons Information Centre on 131126 (Australia) or 0800 764 766 (New Zealand). 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	ACGIH
	PEL	TLV
Calcium fluoride	2.5 mg [F]/m ³	
Nuisance dust	15 mg/m ³ (total dust)	10 mg/m ³ (respirable)

The nature of the product suggests these limits are unlikely to be reached under normal use.

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.

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Personal Protection	<p><u>Precautionary Measures:</u></p> <p><u>Eye Protection:</u> Protective eye wear is normally not required when handling this product but is suggested to avoid eye contact.</p> <p><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.</p> <p><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	<p>The product is not flammable.</p>

SAFE HANDLING INFORMATION

Storage and Transport	<p>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.</p>
Spills and Disposal	<p>Sweep up spills and return to original container if product usable. If not usable dispose of at an approved waste disposal site.</p>
Fire/Explosion Hazard	<p><u>Stability:</u> This product is stable under normal conditions.</p> <p><u>Hazardous polymerisation:</u> Will not occur.</p> <p><u>Conditions to avoid:</u> Extreme heat. Contact with strong alkalis, oxidisers and reducing agents. Contact with fuels and other organic or combustible materials. Active metals such as aluminium and magnesium. Strong reducing agents.</p> <p><u>Hazardous decomposition products:</u> In a fire, thermal decomposition of urea and methylene urea will generate ammonia. Oxides of nitrogen, phosphorous, sulphur, potassium and carbon are also possible.</p> <p><u>Chemical incompatibilities:</u> Strong alkalis and reducing agents. Active metals such as aluminium and magnesium. Ammonia and organic materials.</p> <p><u>Unusual fire, explosion and reactivity hazards:</u> This product is comprised of materials which are oxidisers of materials in their pure, unmixed forms. It will not burn but can provide oxygen for existing fires and cause combustible materials to ignite explosively.</p> <p><u>In case of fires:</u> Do not breathe fumes. Cool exposed containers with waterspray. Use self-contained air supply.</p> <p><u>Extinguishing media:</u> Water</p>

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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 over time on contact with soil.
APVMA registration no.	Not relevant for this product

CONTACT POINT

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