



Material Safety Data Sheet

MSDS No.	4540	Issue Date : June 2007	ISSUED by SCOTSAU
Product Name :	OSMOCOTE ALL GARDEN FERTILISER		

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	OSMOCOTE ALL GARDEN FERTILISER
Product Code	4540
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	Controlled release fertiliser

2. HAZARDS IDENTIFICATION

Hazard Classification Not classified as hazardous according to NOHSC. Not classified as dangerous goods according to the ADG Code.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion	Ingredients
	This product contains a mixture of ingredients determined not to be hazardous.		100%	

4. FIRST AID MEASURES

Inhalation	Remove patient to fresh air. Obtain medical attention if irritation occurs and persists.
Ingestion	If conscious, drink plenty of water. Do not induce vomiting. Rinse mouth. If poisoning occurs contact a doctor or poisons information centre, phone 13 11 26 (Australia) 0800 764 766 (New Zealand).
Skin	Remove contaminated clothing and wash the effected area thoroughly with soap and water. Obtain medical attention if irritation occurs and persists.
Eye	Flush eyes with water holding eyelids open. Obtain medical attention if irritation occurs and persists.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Water, water spray, dry chemical, foam, carbon dioxide.
Hazards from Combustion Products	Cool exposed containers with water spray. In a fire, thermal decomposition of urea and methylene urea will generate ammonia. Oxides of nitrogen, sulphur and carbon are also possible.
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.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Sweep-up to prevent slipping hazard. Prevent product from entering drains. Do not contaminate surface water. Shovel or sweep up and return to original container if useable. If not useable dispose of at an approved waste disposal site.
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7. HANDLING AND STORAGE

Precautions for Safe Handling	When using do not eat, drink or smoke. Avoid container breakage.
Conditions for Safe Storage	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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	No exposure standards have been established for this material by the Australian National Occupational Health & Safety Commission (NOHSC) or the Occupational Safety and Health Service (OSH) of the New Zealand
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Biological Limit Values	Department of Labour. However, the exposure standard for dust not otherwise specified is 10mg/m ³ (for inspirable dust) and 3 mg/m ³ (for respirable dust). The limit applies to both Australia and New Zealand. None allocated
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.
Respiratory Protection	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.
Eye Protection	Protective eye wear is normally not required when handling this product but is suggested to avoid eye contact.
Hand and body Protection	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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	mixed light and dark tans spherical prills
Odour	No odour.
Melting Point	Not available
Boiling Point	Decomposes on heating
Solubility in Water	80-85%
pH Value	Not available
Vapour Pressure	Not available
Vapour Density (Air=1)	Not available
Density	1.1 (water = 1)
Decomposition temperature	Not available
Flammable Limits - Lower	Not available
Flammable Limits - Upper	Not available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Extreme heat.
Incompatible Materials	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.
Hazardous Decomposition Products	No decomposition if stored normally. In a fire, thermal decomposition of urea and methylene urea will generate ammonia. Oxides of nitrogen, sulphur and carbon are also possible.

11. TOXICOLOGICAL INFORMATION

Inhalation	This product is formulated as a granule and is unlikely to be inhaled. However, if granule breakdown leads to dust formation then inhalation of product in dust form may cause irritation of the nose and throat and coughing.
Ingestion	This product has low toxicity but in large amounts ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.
Skin	May cause skin irritation in susceptible persons.
Eye	May cause eye irritation in susceptible persons.



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Chronic Effects This product has low chronic toxicity.

12. ECOLOGICAL INFORMATION

Ecotoxicity Will not bioaccumulate.
Persistence / Degradability Will degrade over time on contact with soil.
Mobility Water contaminating.
Environ. Protection Do not allow chemical or container to contaminate streams, ponds, drains and other waterways.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations Use up product completely. Dispose of packaging according to state and local waste disposal regulations.

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: June 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
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