



Infosafe No™ LPZF7 Issue Date : October 2010 ISSUED by SCOTSAU

Product Name **OSMOCOTE PLUS ORGANICS ROSES, GARDENIAS & AZALEAS**

Not classified as hazardous

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name OSMOCOTE PLUS ORGANICS ROSES, GARDENIAS & AZALEAS

Product Code 120110, 120310

Company Name SCOTTS AUSTRALIA PTY LTD

Address Building E, Level 2
32 Lexington Drive Bella Vista
NSW 2153 Australia

Emergency Tel. 1800 033 111

Telephone/Fax Number Tel: (02) 8602 9000
Fax: (02) 9602 9001

Recommended Use Fertiliser

2. HAZARDS IDENTIFICATION

Hazard Classification Not classified as hazardous

Australia:
Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>	<u>Hazard Symbol</u>	<u>Risk Phrase</u>
	Urea	57-13-6	10-<30 %		
	Ammonium Nitrate	6484-52-2	0-<10 %		
	Iron sulphate	7720-78-7	1-<10 %		
	Calcium Sulphate	7778-18-9	1-<5 %		
	Ammonium sulphate	7783-20-2	0-<1 %		
	Sulfuric Acid	7664-93-9	0-<0.5 %		
	Ammonia	7664-41-7	0-<0.3 %		
	Copper sulphate	7758-98-7	0-<0.1 %		
	zinc sulfate	7733-02-0	0-<0.1 %		
	Manganese (II) sulphate monohydrate	7785-87-7	0-<0.1 %		
	Sodium tetraborate decahydrate	1303-96-4	0-<0.1 %		
	Other ingredients determined not to be hazardous		Balance to 100%		

4. FIRST AID MEASURES

Inhalation If prolonged inhalation of dust occurs, remove from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.

Ingestion Wash out mouth with water. If irritation develops and persists seek medical attention.

Skin Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.

Eye If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention.

First Aid Facilities Normal wash room facilities.

Advice to Doctor Treat symptomatically.



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5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use carbon dioxide, dry chemical, foam, water mist or water spray.

Hazards from Combustion Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

Products Specific Hazards This product is non combustible. However heating can cause expansion or decomposition leading to violent rupture of containers.

Hazchem Code 1Z

Precautions in connection with Fire Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Sweep up material avoiding dust generation or dampen spilled material with water to avoid airborne dust, and then transfer material to a suitable container. Use absorbent paper dampened with water to pick up remaining material. Wash surfaces well, with soap and water. Seal all wastes in vapour tight labelled plastic containers for eventual disposal. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. HANDLING AND STORAGE

Precautions for Safe Handling Avoid generating dust. Ensure a high level of personal hygiene is maintained when using this product. That is; always wash hands before eating, drinking, smoking or using the toilet.

Conditions for Safe Storage Store in a cool dry place, out of moisture. Keep containers closed when not in use. Store in suitable, labelled containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards Australian National Occupational Health And Safety Commission (NOHSC) Exposure Standards:

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Calcium Sulphate	-	10	-	-
Sodium tetraborate decahydrate	-	5	-	-
Sulfuric Acid	1	3	-	-
Ammonia	25	17	35	24

No exposure standards have been established for this material, however, the TWA National Occupational Health And Safety Commission (NOHSC) exposure standards for dust not otherwise specified is 10 mg/m³.

Biological Limit Values No biological limit allocated.

Engineering Controls Use with good general ventilation. If dusts are produced local exhaust ventilation should be used.

Respiratory Protection Not required. During industrial applications: Where ventilation is inadequate the use of an Air Purifying Respirator with a Organic Vapour filter complying with AS/NZS 1715 and AS/NZS 1716 is recommended.

Eye Protection Not normally required. During industrial applications: The use of chemical goggles or safety glasses with side shield protection is recommended. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection Where skin contact is likely to be prolonged or repeated impervious PVC or nitrile rubber gloves are recommended.

Body Protection Overalls or similar protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Brown and tan granules



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Odour	Not available.
Melting Point	Not available.
Boiling Point	Not applicable.
Solubility in Water	Coating not soluble, release nutrients through coating.
Specific Gravity	Not available.
pH Value	Not available.
Vapour Pressure	Not applicable.
Vapour Density (Air=1)	Not applicable.
Density	Not available
Flash Point	Not applicable.
Auto-Ignition Temperature	Not available.
Flammable Limits - Lower	Not applicable.
Flammable Limits - Upper	Not applicable.

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of use.
Conditions to Avoid	Heat, direct sunlight, open flames or other sources of ignition.
Incompatible Materials	Combustibles.
Hazardous Decomposition Products	No decomposition if stored correctly. Hazardous decomposition products may include poisonous gasses/vapours.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicity data available for this product.
Inhalation	Inhalation of dust may cause irritation to the mucous membrane and upper airways.
Ingestion	Not a likely source of exposure. May cause irritation to the mouth, oesophagus and stomach.
Skin	Skin contact may cause mechanical irritation resulting in redness and itching.
Eye	Eye contact may cause mechanical irritation. May result in mild abrasion.
Chronic Effects	Prolonged or repeated skin contact may cause defatting leading to dermatitis.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No data is available for this material.
Persistence / Degradability	No data is available for this material.
Mobility	No data is available for this material.
Environ. Protection	Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations	The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.
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14. TRANSPORT INFORMATION



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U.N. Number	2071
Proper Shipping Name	AMMONIUM NITRATE BASED FERTILIZER
DG Class	9
Hazchem Code	1Z
Packing Group	III
EPG Number	9E1
IERG Number	50

15. REGULATORY INFORMATION

Regulatory Information	Australia: Not classified as hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC). Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
Poisons Schedule	Not Scheduled
AICS (Australia)	All components listed.

16. OTHER INFORMATION

Date of preparation or last revision of MSDS	MSDS created: October 2010
Contact Person/Point	New Zealand: 180c Great South Rd Takanini, Auckland Phone: (09) 299 6558 Fax: (09) 296 0186 Emergency Tel: 0800 734 607 ...End Of MSDS...

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