



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 <sup>3</sup>	ppm	mg/m <sup>3</sup>
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/m<sup>3</sup>.

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

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

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

## 12. ECOLOGICAL INFORMATION

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

## 13. DISPOSAL CONSIDERATIONS

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

## 15. REGULATORY INFORMATION

<b>Regulatory Information</b>	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).
<b>Poisons Schedule</b>	Not Scheduled
<b>AICS (Australia)</b>	All components listed.

## 16. OTHER INFORMATION

<b>Date of preparation or last revision of MSDS</b>	MSDS created: October 2010
<b>Contact Person/Point</b>	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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