



Material Safety Data Sheet

MSDS No.	7759	Issue Date : October 2008	ISSUED by SCOTTS AU
Product Name:	OSMOCOTE PLUS ROSES SUPERFEEDER		

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	OSMOCOTE PLUS ROSES SUPERFEEDER
Product Code	117570, 117770, 117270
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	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
	Boric Acid	10043-35-3	<1%	
	Copper Sulphate	7758-98-7	<1%	
	Iron Sulphate	7782-63-0	<1%	
	Iron EDTA	239-8002-2	<1%	
	Magnesium oxide	1309-48-4	<1%	
	Manganese Sulphate	7785-87-7	<1%	
	Potassium Nitrate	7757-79-1	10-25%	
	Sodium Molybdate	7631-95-0	<1%	
	Calcium sulphate dihydrate	10101-41-4	<1%	
	Ammonium nitrate	6484-52-2	>25%	

4. FIRST AID MEASURES

General advice	Possible symptoms are coughing and/or dyspnoea. If symptoms persist, call a doctor or poisons information centre on 13 11 26 (Australia) or 0800 764 766 (New Zealand).
Inhalation	Dusty conditions are unlikely if product is used as intended. However, if prolonged inhalation of dust occurs, remove victim to fresh air. If symptoms persist, call a doctor.
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	Wash with plenty of soap and water. If irritation occurs and persists, seek medical attention.
Eye	Flush eyes with water as a precaution. If eye irritation persists, consult a doctor.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Coordinate fire extinguishing measures to fire in surrounding area.
Hazards from Combustion Products	Burning produces obnoxious and toxic fumes. In case of fire, cool with water or waterspray.
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	Avoid dusting or misting conditions during cleanup. If material is uncontaminated, collect and re-use as recommended for product. If
-----------------------------	--



Material Safety Data Sheet

MSDS No.	7759	Issue Date : October 2008	ISSUED by SCOTSAU
----------	------	---------------------------	-------------------

Product Name: **OSMOCOTE PLUS ROSES SUPERFEEDER**

contaminated, put in appropriate container and dispose. Keep spills away from waterways. After cleaning up spill, flush area with water.
 Waste Management/Disposal:
 Apply as fertiliser to field. If product is contaminated, dispose of in an approved landfill disposal facility, in accordance with applicable federal, state and local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling Avoid dust formation.
 When using do not eat, drink or smoke. Wash hands with soap and water after handling.
 Avoid container breakage.

Conditions for Safe Storage Keep away from heat and sources of ignition. Keep away from food, drink and animal feeding stuffs. For quality reasons: Keep out of reach of direct sunlight, store under dry conditions, partly used bags should be closed well. Keep at temperatures between 0°C and 40°C. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Substance	TWA	mg/m ³	STEL	mg/m ³
Magnesium oxide (fume)	-	10	-	-

 New Zealand Occupational Safety and Health Service (OSH) Workplace Exposure Standards:

Substance	TWA	mg/m ³	STEL	mg/m ³
Magnesium oxide (fume)	-	10	-	-

 The exposure standard for dust not otherwise specified is 10 mg/m³ (for inspirable dust) and 3 mg/m³ (for respirable dust). The limit applies to both Australia and New Zealand.

Biological Limit Values None allocated

Engineering Controls Ensure adequate ventilation.

Respiratory Protection Not applicable.

Eye Protection Safety glasses.

Hand and body Protection None required for normal use. If prolonged or repeated use irritates skin, use PVC or other plastic material gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Mixed light and dark brown, greenish coloured spherical prills.

Odour No odour

Melting Point Decomposes on heating

Boiling Point Decomposes on heating

Solubility in Water Coating not soluble. Nutrients released through coating.

pH Value Not available

Vapour Pressure Non-volatile

Vapour Density (Air=1) Not available

Bulk density 990-1036kg/m³

Decomposition temperature Not available

Flashpoint Not available

Flammable Limits Non-flammable



Material Safety Data Sheet

MSDS No.	7759	Issue Date : October 2008	ISSUED by SCOTTS AU
Product Name:	OSMOCOTE PLUS ROSES SUPERFEEDER		

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of storage.
Conditions to Avoid	Keep away from open flames, hot surfaces and sources of ignition.
Incompatible Materials	Oxidising agents
Hazardous Decomposition Products	No decomposition if stored normally. Hazardous decomposition products: . Poisonous gasses/vapours.

11. TOXICOLOGICAL INFORMATION

Inhalation	May cause sensitization by inhalation.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.
Skin	May cause skin irritation in susceptible persons.
Eye	May cause eye irritation with susceptible persons.
Chronic Effects	Ammonium nitrate is an allergen. Prolonged or repeated direct contact with fertilizer may irritate eyes and skin. Inhalation of dust may irritate nose, throat and lungs. Prolonged exposure may cause weakness, depression, headache, mental impairment, anaemia, methemoglobinemia and kidney injury. Ingestion of product can cause severe gastrointestinal irritation, muscular weakness and blue-tinged skin (cyanosis). Infants and children are especially at risk for cyanosis. Ingestion of large amounts may result in death. Inhalation of heavy concentrations of manganese-containing dusts over very prolonged periods of exposure (usually 1 to 3 years) has been reported to cause damage to the central nervous system.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No information available
Persistence / Degradability	No information available
Mobility	No information available
Environ. Protection	Do not allow chemical or container to contaminate streams, ponds, drains and other waterways.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations	Apply as fertiliser. If product is contaminated, dispose of in an approved landfill disposal facility, in accordance with applicable federal, state and local 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: October 2008	
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	New Zealand: 180c Great South Rd Takanini, Auckland Phone (09) 299 6558 Fax (09) 296 0186 Emergency phone 0800 734 607



Material Safety Data Sheet

MSDS No.	7759	Issue Date : October 2008	ISSUED by SCOTTSAU
Product Name:	OSMOCOTE PLUS ROSES SUPERFEEDER		

...End Of MSDS...