



Material Safety Data Sheet

Infosafe No.	LPWEZ	Issue Date : June 2007	ISSUED by SCOTTS AU
Product Name :	OSMOFORM TOPDRESS		

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	OSMOFORM TOPDRESS
Product Code	4005
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	Granulated fertiliser

2. HAZARDS IDENTIFICATION

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

New Zealand:
 Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.
 Not classified as Dangerous Goods for transport, according to the New Zealand Standard NZS 5433:1999 Transport of Dangerous Goods on Land.

HSNO classification:
 6.3B - Substance that is mildly irritating to the skin.
 6.9B - Substance that is harmful to human target organs or systems.

Hazard statement code:
 H316 Causes mild skin irritation.
 H371 May cause damage to organs

Precautionary statement codes- prevention:
 P103 Read label before use.
 P104 Read Safety Data Sheet before use.
 P260 Do not breathe dust.
 P264 Wash hands thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.

Precautionary statement codes- Response:
 P309+P311 If exposed or if you feel unwell: Call a POISON CENTRE or doctor/physician.
 P332+P313 If skin irritation occurs: Get medical advice/ attention.

Precautionary statement codes - Storage:
 P405 Store locked up.

Precautionary statement codes - Disposal:
 P501 In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion Ingredients
	Other ingredients		60-100%
	determined not to be hazardous		



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potassium sulphate	7778-80-5	0->25 %
sand	14808-60-7	0-10 %
talc	14807-96-6	0-5 %

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.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use dry chemical, CO2, water spray or 'alcohol' foam.
Hazards from Combustion Products	Under fire conditions this product may emit toxic and/or irritating fumes.
Special Protective Equipment for fire fighters	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.
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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 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.

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

Substance	TWA	STEL
	ppm	ppm
	mg/m ³	mg/m ³
Crystalline silica	-	0.1
Talc	-	2.5

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

Substance	TWA	STEL
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	ppm	mg/m ³	ppm	mg/m ³
Crystalline silica	-	0.2 Respirable	-	-
Talc	-	2 Respirable	-	-
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 coated granules
Odour	Not available
Melting Point	Not available
Boiling Point	Not applicable
Solubility in Water	Coating not soluble, release nutrients through coating
pH Value	Not available
Vapour Pressure	Not applicable
Vapour Density (Air=1)	Not applicable
Density	810kg/m ³
Flashpoint	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	Not available.
Hazardous Decomposition Products	No decomposition if stored correctly. Hazardous decomposition products may include poisonous gasses/vapours.
Hazardous polymerisation	Will not occur.

11. TOXICOLOGICAL INFORMATION

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



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dermatitis.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Potassium sulphate: LC50/96h/rainbow trout= 890 mg/l
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	Dispose of waste according to federal, EPA and state regulations.
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14. TRANSPORT INFORMATION

Transport Information	Australia: Not classified as Dangerous Goods, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. New Zealand: Not classified as Dangerous Goods for transport according to the NZS 5433:1999 Transport of Dangerous Goods on Land.
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15. REGULATORY INFORMATION

Regulatory Information	Not classified as hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC). New Zealand: Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001. Group Standard: Fertilisers (Subsidiary Hazard) Group Standard 2006 HSNO Approval Number: HSR002571
Poisons Schedule	Not scheduled.

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