



Material Safety Data Sheet

MSDS No.	3055	Issue Date : June 2007	ISSUED by SCOTSAU
Product Name :	OSMOFORM TOPDRESS + HYDRAFLO		

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	OSMOFORM TOPDRESS + HYDRAFLO
Product Code	4003
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	Slow release fertiliser + soil wetting agent

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
	other ingredients determined	-	60-100%	
	not to be hazardous			
	potassium sulphate	7778-80-5	0->25%	
	sand	14808-60-7	0-10%	
	talc	14807-96-6	0-5%	
	Non-ionic surfactant	6484-52-2	15%	

4. FIRST AID MEASURES

Inhalation	Remove patient to fresh air. Obtain medical attention if irritation occurs and persist.
Ingestion	Rinse mouth with water. Give a glass of water to drink. If poisoning occurs, contact a doctor or Poisons Information Centre [phone 131126].
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
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	Avoid generating dust. Ensure a high level of personal hygiene is
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Handling	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:

	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
crystalline silica	-	0.1	-	-
talc	-	2.5	-	-

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

	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
crystalline silica	-	0.2 respirable	-	-
talc	-	2 respirable	-	-

Biological Limit Values None allocated

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

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 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 and body Protection Where skin contact is likely to be prolonged or repeated impervious PVC or nitrile rubber gloves are recommended. Overalls or similar protective clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Mixed light and dark tan granules

Odour Slight surfactant odour.

Melting Point Decomposes on heating

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



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10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Extreme heat
Incompatible Materials	Strong alkalis, oxidisers and reducing agents, fuels and other combustible materials, metals such as aluminium and magnesium.
Hazardous Decomposition Products	No decomposition if stored normally. In a fire, may produce oxides of nitrogen, phosphorus, potassium and sulphur as well as ammonia.

11. TOXICOLOGICAL INFORMATION

Inhalation	This product is formulated as a granule and is unlikely to be inhaled but if granule breakdown leads to dust formation then inhalation of product in dust form may cause irritation of nose and throat and cause coughing.
Ingestion	This product has low toxicity but in large amounts may cause nausea, vomiting, gastric irritation and diarrhoea.
Skin	Skin contact may cause mechanical irritation resulting in redness and itching.
Eye	Eye contact may cause mechanical irritation resulting in mild abrasion.
Chronic Effects	Prolonged or repeated skin contact may cause defatting leading to dermatitis.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Potassium sulphate: LC50/96h/rainbow trout= 890 mg/l
Persistence / Degradability	Inherently biodegradable.
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.
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14. TRANSPORT INFORMATION

Transport Information	Not classified as dangerous goods according to the Australian Dangerous Goods Code.
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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