



Material Safety Data Sheet

MSDS No.	13416	Issue Date:	August 2011	Page:	1 of 4
Product Name:	SCOTTS LAWN BUILDER + GRUB & INSECT CONTROL			Version:	3.0

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name	SCOTTS LAWN BUILDER + GRUB & INSECT CONTROL	
Product code	108365, 108370	
Manufacturer	SCOTTS AUSTRALIA PTY LTD	
Address	Australia: Level 2, 32 Lexington Drive Bella Vista NSW 2153	New Zealand: Level 4, 152 Fanshawe St Auckland
Emergency telephone	1800 033 111	0800 734 607
Telephone/fax number	Tel: (02) 8602 9000 Fax: (02) 8602 9001	Tel: 0800 449 213
Recommended use	Combination fertiliser and insecticide	

2. HAZARDS IDENTIFICATION

Hazard classification	<p><i>Australia:</i> NON-HAZARDOUS. NON-DANGEROUS GOODS</p> <p><i>New Zealand:</i> Classified as hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001. Classified as Dangerous Goods for transport, according to New Zealand Standard NZS 5433:2007 Transport of Dangerous Goods on Land. HSNO classification: 6.1D- Substance that is acutely toxic- harmful. 6.3B- Substance that is mildly irritating to the skin. 6.4A- Substance that is irritating to the eye. 9.1A- Substance that is very toxic in the aquatic environment. 9.3C- Substance that is harmful to terrestrial vertebrates. 9.4B- Substance that is ecotoxic to terrestrial invertebrates.</p> <p>Hazard statement codes: H302- Harmful if swallowed. H316- Causes mild skin irritation. H319- Causes serious eye irritation. H410- Very toxic to aquatic life with long lasting effects. H433- Harmful to terrestrial vertebrates. H442- Toxic to terrestrial vertebrates.</p> <p>Precautionary statement codes- Prevention P102- Keep out of reach of children. P103- Read label before use. P264- Wash hands thoroughly after handling. P270- Do not eat, drink or smoke when using this product. P273- Avoid release to the environment. P280- Wear protective gloves, protective clothing and eye/face protection.</p> <p>Precautionary statement codes- Response P101- If medical advice is needed, have product container or label at hand. P301+312- IF SWALLOWED: Call a poison centre or doctor/physician if you feel unwell. P330- Rinse mouth. P332+313 If skin irritation occurs: get medical advice/attention. P305+351+338- IF IN EYES: rinse cautiously with water for several minutes. P337+313- If eye irritation persists: get medical advice/attention. P391- Collect spillage.</p>
Risk & safety phrases	None allocated.



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3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS	Proportion of ingredients
Bifenthrin	82657-04-3	0.086%
Urea	57-13-6	40-70%
Calcium carbonate	471-34-1	10-15%
Potassium chloride	7447-40-7	5-10%
Sulphur	7704-34-9	5-10%

4. FIRST AID MEASURES

Inhalation	Move person to fresh air. If person is not breathing, call 000 for an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. For further treatment advice contact a doctor or Poisons Information Centre. Phone Australia 13 11 26. New Zealand 0800 764 766.
Ingestion	If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26. New Zealand 0800 764 766. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Never give anything by mouth to an unconscious person. This product contains a pyrethroid. If large amounts have been ingested, milk, cream, and other digestible fats and oils may increase absorption and should be avoided.
Skin	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a Poisons Information Centre or doctor for treatment advice.
Eye	Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a Poisons Information Centre or doctor for treatment advice.
First aid facilities	Water, wash facilities.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media	Use an extinguishing agent suitable for the surrounding fire.
Hazards from combustion products	Decomposition products may include: carbon dioxide, carbon monoxide, nitrogen oxides, sulfur oxides, halogenated compounds, metal oxide/oxides.
Special protective precautions and equipment for fire fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Hazchem code	Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures	Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment (see section 8). To protect the environment, do not allow pesticide to enter or run-off into storm drains, drainage ditches gutters or surface waters
Methods and materials for containment and cleanup	Vacuum or sweep up material and place in container for disposal. Never place down drain.

7. HANDLING AND STORAGE

Precautions for safe handling	Avoid inhalation or contact with skin, eyes or clothing. Avoid container breakage. Do not contaminate water sources when disposing of equipment washwater or rinsate. Keep out of lakes, stream or ponds. Keep out of reach of children.
Conditions for safe Storage	Store in original container in a cool, dry, well-ventilated area inaccessible to children and pets. Do not contaminate food or feedstuffs.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure	Safe Work Australia Exposure Standards:
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standards	The exposure standard for dust not otherwise specified is 10mg/m ³ for inspirable dust and 3mg/m ³ for respirable dust. The limit applies to both Australia and New Zealand.
Biological limit values	None allocated.
Engineering controls	Use adequate ventilation to keep the airborne concentrations below the recommended exposure standard.
Respiratory protection	No special respiratory protection required. If ventilation is inadequate to keep the airborne concentrations below the recommended exposure standard wear appropriate respiration protection.
Hand protection	Protective gloves are not required, but may be used in situations where significant contact is expected.
Eye protection	Protective eyewear is not required, but may be used in situations where contact is expected.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Granular solid, multicoloured granules.
Odour	Mild odour.
pH value	Not available.
Vapour pressure	Not available.
Vapour density (Air=1)	Not available.
Boiling point	Not available.
Melting point	Not available.
Solubility in water	Partly soluble.
Bulk density/specific gravity	740kg/m ³
Flashpoint	Not available.
Auto-ignition temperature	Not available.
Flammable limits-lower	Not available.
Flammable limits-upper	Not available.

10. STABILITY AND REACTIVITY

Chemical stability	The product is stable.
Conditions to avoid	No specific data.
Incompatible materials	No specific data.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.

11. TOXICOLOGICAL INFORMATION

General	LD50/oral/rat: >5000mg/kg LD50/dermal/rabbit: >5000mg/kg
Inhalation	Unlikely to be a hazard. Should dust develop during handling and use, respiratory irritation may occur.
Ingestion	The product has low toxicity if swallowed, however may cause nausea, vomiting and diarrhoea.
Skin	Not a skin sensitizer. Contact with skin may cause irritation in susceptible persons.
Eye	Moderate eye irritant. Contact with eyes may cause irritation.
Chronic effects	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity	This pesticide is toxic to fish and aquatic invertebrates.
Persistence and degradability	No information available.
Mobility	No information available.
Bioaccumulative	No information available.



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potential

Environmental protection Do not allow product or empty container to contaminate waterways.

13. DISPOSAL CONSIDERATIONS

Disposal methods and containers Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

	UN number	Proper shipping name	Class	Packing group
ADG Code	-	Not classified as dangerous goods	-	-
NZS 5433-2007	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Bifenthrin)	9	III
IMDG Code	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Bifenthrin)	9	III
IATA Regulations	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Bifenthrin)	9	III
Hazchem code	Not applicable.			
EPG number	Not applicable.			

15. REGULATORY INFORMATION

Regulatory information APVMA registration number: 57766

Poisons schedule Not a scheduled poison.

16. OTHER INFORMATION

Date of preparation MSDS Created: May 2007

or last revision of MSDS Revised: August 2011, new formulation.

Key/legend

ACVM: New Zealand Agricultural Chemicals & Veterinary Medicines Group
 ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail
 APVMA: Australian Pesticides & Veterinary Medicines Authority
 NZ EPA: New Zealand Environmental Protection Authority
 IATA Regulations: International Air Transport Authority Dangerous Goods Regulations.
 IMDG Code: International Maritime Dangerous Goods Code.
 NZS 5433-2007: New Zealand Standard: Transport of Dangerous Goods on Land.
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