



Material Safety Data Sheet

MSDS No.	1055	Issue Date:	May 2012	Page:	1 of 4
Product Name:	DEFENDER MAXGUARD SYSTEMIC, CONTACT & RESIDUAL INSECTICIDE KILLS & CONTROLS			Version:	2.0

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name	DEFENDER MAXGUARD SYSTEMIC, CONTACT & RESIDUAL INSECTICIDE KILLS & CONTROLS	
Other name/s	-	
Product code/s	190560	
Recommended use	Insecticide	
Manufacturer	SCOTTS AUSTRALIA PTY LTD	
Address	Australia: Scotts Australia Pty Ltd Level 2, 32 Lexington Drive Bella Vista NSW 2153 New Zealand: Scotts Australia Pty Ltd Level 4, 152 Fanshawe St Auckland 1140	
Telephone	(02) 8853 7300	
Emergency telephone	1800 033 111 (24 hour)	
	0800 449 213 0800 734 607 (24 hour)	

2. HAZARDS IDENTIFICATION

Hazard classification	Australia: Not classified as hazardous according to GHS classification criteria. Risk and safety phrases: None allocated. New Zealand: EPA approval details Classified as hazard according to the criteria in the Hazardous Substance (Minimum Degrees of Hazard) Regulations 2001. Not classified as dangerous goods according to NZS 5433:2012. Hazard classifications: 6.3B- Substance that is mildly irritating to the skin. 6.5B- Substance that is a contact sensitizer. 9.1D- Substance that is slightly harmful to the aquatic environment or otherwise designed for biocidal action. Hazard and precautionary statements: Causes mild skin irritation. May cause an allergic skin reaction. May cause long lasting harmful effects to aquatic life. Read label before use. Avoid breathing spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves. Avoid release to the environment. If skin irritation occurs: Get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see first aid instructions on the label). Wash contaminated clothing before reuse.
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3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS	Proportion of ingredients
Acetamiprid	135410-20-7	<1%
Other ingredients determined not to be hazardous.	-	>99%

4. FIRST AID MEASURES

Inhalation	Move to fresh air.
Ingestion	If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26. New Zealand 0800 764 766.
Skin	Remove contaminated clothing and wash affected area. If irritation persists, get medical advice. Wash



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Eye	contaminated clothing before reuse.
First aid facilities	Flush eyes with water for 15 minutes. Soap, water, wash facilities.
5. FIRE FIGHTING MEASURES	
Suitable extinguishing media	Water spray, foam, carbon dioxide (CO ₂).
Hazards from combustion products	Does not flash. Danger of toxic gases in smoke in case of fire.
Special protective precautions and equipment for fire fighters	In the event of a fire, wear self-contained breathing apparatus.
Hazchem code	None allocated.
6. ACCIDENTAL RELEASE MEASURES	
Emergency procedures	Do not allow product or empty containers to get into drains, sewers, streams or ponds. <u>NZ only</u> Trigger levels for Emergency Management: Level 1 information- 1.0L Level 2 documentation- 1.0L Level 3 Threshold levels- 1000L Quantity requiring signage- 10000L
Methods and materials for containment and cleanup	Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Clean up promptly by scoop or vacuum. Shovel into suitable container for disposal.
7. HANDLING AND STORAGE	
Precautions for safe handling	When using, do not eat, drink or smoke. Wash hands after use.
Conditions for safe Storage	Keep out of reach of children. Store in the closed, original container in a cool, dry place. Do not store in direct sunlight. Store away from food, drink or animal feed.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
National exposure standards	No relevant exposure limit has been set.
Biological limit values	None allocated.
Engineering controls	Ensure adequate ventilation.
Respiratory protection	Not required.
Skin protection	Wear protective gloves.
Eye protection	Wear safety glasses.
9. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance	Clear liquid
Odour	Faint odour.
pH value	5.8
Vapour pressure	Not available
Vapour density (Air=1)	Not available
Boiling point	Not available
Melting point	Not available
Solubility in water	Soluble
Bulk density/specific	1.00-1.02



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gravity	
Flashpoint	Not applicable
Auto-ignition temperature	Not available
Flammable limits-lower	Not available
Flammable limits-upper	Not available
10. STABILITY AND REACTIVITY	
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	No information available.
Incompatible materials	No information available.
Hazardous decomposition products	No decomposition if stored normally.
Hazardous reactions	None known.
11. TOXICOLOGICAL INFORMATION	
General	LD50 (calculated from ingredients): Oral: >5000mg/kg Dermal: >5000mg/kg
Inhalation	No adverse effects expected.
Ingestion	May cause irritation to gastrointestinal tract.
Skin	May cause skin irritation and/or sensitization.
Eye	May cause mild eye irritation.
Chronic effects	None known.
12. ECOLOGICAL INFORMATION	
Ecotoxicity	Based on information on the ingredients, the calculated ecotoxicity of the product is low, except to target insect pests.
Persistence and degradability	Acetamiprid is rapidly degradable in soil and not rapidly degradable in the aquatic environment.
Mobility	Acetamiprid is mobile in soils.
Bioaccumulative potential	Acetamiprid does not bioaccumulate.
Environmental protection	Do not allow product or empty packaging to enter drains, streams or other waterways.
13. DISPOSAL CONSIDERATIONS	
Disposal methods and containers	Use product according to label directions. Wrap empty packaging in paper, place in a plastic bag and put in the garbage.
Special precautions for landfill/incineration	No information available.
14. TRANSPORT INFORMATION	
Transport information	ADG Code: Not classified. NZS5433:2007: Not classified. IMDG Code: Not classified. IATA Regulations: Not classified.



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15. REGULATORY INFORMATION

Regulatory information	APVMA approval number: 60409.
Poisons schedule	NZ EPA approval code: HSR100662
	Not a scheduled poison.

16. OTHER INFORMATION

Date of preparation or last revision of MSDS	MSDS Created: May 2012
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