



# Material Safety Data Sheet

MSDS No.	1055	Issue Date : May 2007	ISSUED by SCOTSAU
Product Name :	DEFENDER MAXGUARD SYSTEMIC, CONTACT & RESIDUAL INSECTICIDE		

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	DEFENDER MAXGUARD SYSTEMIC, CONTACT & RESIDUAL INSECTICIDE
Product Code	
Company Name	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	Systemic insecticide

## 2. HAZARDS IDENTIFICATION

Hazard Classification	Not classified as hazardous according to NOHSC. Not classified as dangerous goods according to the Australian Dangerous Goods Code.
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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition			
Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion Ingredients</u>
	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 on 13 11 26 (Australia) or 0800 764 766 (New Zealand).
Skin	Remove and wash contaminated clothing before re-use. Wash off immediately with plenty of water.
Eye	Flush eye with water for 15 minutes.
First Aid Facilities	Soap, water, eye wash.

## 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Water spray, foam, carbon dioxide (CO <sub>2</sub> ).
Hazards from Combustion Products	Does not flash. Danger of toxic gases in smoke in case of fire.
Special Protective Equipment for fire fighters	In the event of a fire, wear self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	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. Do not allow product or empty containers to enter drains, sewers, streams or ponds.
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## 7. HANDLING AND STORAGE

Precautions for Safe Handling	When using, do not eat, drink or smoke.
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 and animal feed.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	No exposure limit has been set by NOHSC for acetamiprid.
Biological Limit	None allocated



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**Values**

<b>Engineering Controls</b>	Ensure adequate ventilation.
<b>Respiratory Protection</b>	No information available.
<b>Eye Protection</b>	Safety glasses.
<b>Hand Protection</b>	Wear suitable gloves.
<b>Body Protection</b>	No information available.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	Clear liquid
<b>Odour</b>	Faint
<b>Boiling Point</b>	Not available
<b>Solubility in Water</b>	Not available
<b>pH Value</b>	5.08
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (Air=1)</b>	Not available
<b>Density</b>	0.997g/L
<b>Flashpoint</b>	>85°C
<b>Viscosity</b>	11 cp

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## 10. STABILITY AND REACTIVITY

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<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Conditions to Avoid</b>	No information available.
<b>Incompatible Materials</b>	No information available.
<b>Hazardous Decomposition Products</b>	No decomposition if stored normally.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Inhalation</b>	No information available.
<b>Ingestion</b>	No information available.
<b>Skin</b>	No skin irritation.
<b>Eye</b>	No eye irritation.

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## 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	Animal toxicity: EC50/48h/daphnia =49.8 mg/L LC50/96h/rainbow trout =119.3 mg/L EC50/72h/algae = < 98.5 mg/L
<b>Persistence / Degradability</b>	No information available.
<b>Mobility</b>	No information available.
<b>Environ. Protection</b>	Do allow product or empty container to enter waterways.

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## 13. DISPOSAL CONSIDERATIONS

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<b>Disposal Considerations</b>	Use product completely. Dispose of empty packaging according to local waste disposal regulations.
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## 14. TRANSPORT INFORMATION

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<b>Transport Information</b>	Not classified as a dangerous good according to the Australian Dangerous Goods Code.
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## 15. REGULATORY INFORMATION

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<b>Regulatory Information</b>	APVMA no. 60409
<b>Poisons Schedule</b>	Not scheduled.

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## 16. OTHER INFORMATION

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**Date of preparation or last revision of MSDS**      MSDS Created: May 2007

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Emergency Tel: 1800 033 111

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