



# Material Safety Data Sheet

MSDS No.	2010	Issue Date : March 2009	Issued by Scotts Australia Pty Ltd
Product Name:	<b>PREMAX HI N 22:0:5 FERTILISER WITH PRE-EMERGENT HERBICIDE</b>		

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	PREMAX HI N 22:0:5 FERTILISER WITH PRE-EMERGENT HERBICIDE
Product Code	8605
Manufacturer	SCOTTS AUSTRALIA PTY LTD
Address	11 Columbia Way Baulkham Hills NSW 2153 Australia
Emergency Tel.	1800 033 111
Telephone/Fax Number	Tel:(02) 8853 7300 Fax:(02) 8853 7310
Recommended Use	Fertiliser with pre-emergent herbicide

## 2. HAZARDS IDENTIFICATION

**Hazard Classification** Australia:  
Not classified as hazardous according to criteria of the Australian Safety & Compensation Council (ASCC), 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.  
Classified as Dangerous Goods for transport, according to the New Zealand Standard NZS 5433:1999 Transport of Dangerous Goods on Land.  
HSNO classification:  
6.1D – Substance that is acutely toxic.  
6.3B – Substance that is a skin irritant.  
6.4A - Substance that is irritating to the eye.  
9.1A - Substance that is very ecotoxic in the aquatic environment.  
9.2A - Substance that is very ecotoxic in the soil environment.  
9.3C – Substance that is ecotoxic to terrestrial vertebrates.

Hazard statement code:  
H302 Harmful if swallowed.  
H316 Causes mild skin irritation.  
H320 Causes eye irritation.  
H400 Very toxic to aquatic life.  
H421 Very toxic to the soil environment.  
H433 Harmful to terrestrial vertebrates.

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 the product.  
P273 Avoid release to the environment.

Precautionary statement codes- response  
P101 If medical advice is needed, have product container or label at hand.  
P301+P312 IF SWALLOWED call a Poisons Centre or doctor/physician if you feel unwell.  
P330 Rinse mouth.  
P332+P313 If skin irritation occurs get medical advice/attention.  
P305+P351+P338 IF IN EYES rinse cautiously with water for several minutes. Remove contact



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lenses if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists get medical attention/advice.  
P391 Collect spillage

Precautionary statement codes- disposal  
P501 Disposal statement

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion	Ingredients
	Pendimethalin	40487-42-1	0.75 %	
	Potassium chloride	7447-40-7	10-30 %	
	Sulphur	7704-34-9	5-10 %	
	Urea	57-13-6	15-40 %	
	Limestone	53404-59-4	10-30	
	Aromatic 200 solvent (aromatic hydrocarbon)	68477-31-6	<5 %	

### 4. FIRST AID MEASURES

<b>Inhalation</b>	Move person to fresh air. If person is not breathing, call 000 (Australia) or 111 (New Zealand) for an ambulance then give artificial respiration, preferably mouth to mouth if possible. Call a doctor or Poisons Information Centre on 13 11 26 (Australia) or 0800 764 766 (New Zealand) for further treatment advice.
<b>Ingestion</b>	Contact a doctor or Poisons Information Centre immediately on 13 11 26 (Australia) or 0800 764 766 (New Zealand). Have person sip a glass of water if able to swallow. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.
<b>Skin</b>	If on skin or clothing, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. If irritation persists, seek medical advice.
<b>Eye</b>	If in eyes, hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes and then continue rinsing. If irritation persists seek medical advice.

### 5. FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Water spray, dry chemical, foam, CO <sub>2</sub>
<b>Hazards from Combustion Products</b>	Combustion can produce toxic fumes and irritating gases.
<b>Special Protective Equipment for fire fighters</b>	In case of fire wear self contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedures</b>	Avoid contact with skin, eyes and clothing. Do not let product enter drains. Vacuum or sweep up material and place in a disposal container. If material is uncontaminated, collect and reuse as recommended for product. If material is contaminated, put in appropriate container and dispose according to local waste disposal regulations.
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### 7. HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	Avoid container breakage. Avoid inhalation or contact with skin, eyes, or clothing. Wash hands after handling. Do not contaminate water sources when disposing of equipment wash waters. Keep out of lakes, streams or ponds. Avoid generating and inhaling dusts.
<b>Conditions for Safe</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Do not contaminate water,



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**Storage** food, or feed by storage or disposal. Keep out of reach of children.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>National Exposure Standards</b>	The exposure standard for dust not otherwise specified is 10 mg/m <sup>3</sup> (for inspirable dust) and 3 mg/m <sup>3</sup> (for respirable dust). The limit applies to both Australia and New Zealand.
<b>Biological Limit Values</b>	None allocated
<b>Engineering Controls</b>	Ensure adequate ventilation.
<b>Respiratory Protection</b>	If airborne levels are high or product does not remain intact, use a combination of engineering controls (e.g. ventilation) and personal protection (e.g. Respirator for dusts, mists, and fumes conforming to AS/NZS 1715 and AS/NZS 1716).
<b>Hand Protection</b>	Wear rubber gloves. Wash hands thoroughly after handling.
<b>Eye/face protection</b>	Face shield or goggles.
<b>Skin and body Protection</b>	No special protective clothing is required under normal workplace conditions. After using product, remove clothing and wash before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Yellow granule
<b>Odour</b>	Fertiliser
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	Not available
<b>Solubility in Water</b>	Not available
<b>pH Value</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (Air=1)</b>	Not available
<b>Bulk density</b>	720-880kg/m <sup>3</sup>
<b>Decomposition temperature</b>	Not available
<b>Flashpoint</b>	Not available
<b>Flammable Limits</b>	Not flammable

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	This product is stable under recommended storage conditions.
<b>Conditions to Avoid</b>	Extreme heat. Contact with strong alkalis, oxidizers, and reducing agents. Contact with fuels and other organic or combustible materials. Active metals such as aluminum, magnesium, and chlorine compounds.
<b>Materials to avoid</b>	Strong acids, bases, oxidizers, and reducing agents.
<b>Hazardous Decomposition Products</b>	Combustion may produce irritating gases and vapors. Toxic metal oxides may be produced.

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	LD50/oral: >5g/kg, rat LD50/dermal: >2g/kg, rabbit Eye effects: Mild irritation, rabbit Skin effects: Slight irritation, rabbit
<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.
<b>Skin</b>	May cause skin irritation.
<b>Eye</b>	May cause eye irritation.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Toxic to fish.
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**Persistence / Degradability** Inherently biodegradable.  
**Mobility** Water contaminating.  
**Environ. Protection** Prevent product and empty packaging from entering waterways.

### 13. DISPOSAL CONSIDERATIONS

**Disposal Considerations** Use product as intended. Shred empty container and bury in a local authority landfill. If not available bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots.  
Empty containers and product should not be burnt. Do not allow product or empty container to enter drains, sewers, streams, ponds or any other waterways.

### 14. TRANSPORT INFORMATION

**Transport Information** Not classified as dangerous goods according to the Australian Dangerous Goods Code. Classified as Dangerous Goods for transport, according to the New Zealand Standard NZS 5433:1999 Transport of Dangerous Goods on Land.  
UN Number: 3077  
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, NOS  
DG Class: 9  
Packing group: III

### 15. REGULATORY INFORMATION

**Regulatory Information** Australia: APVMA approval no. 56189  
New Zealand: ERMA approval no. HSR000548  
ACVM approval not required.  
**Poisons Schedule** S5 (Australia)

### 16. OTHER INFORMATION

**Date of preparation or last revision of MSDS** MSDS Created: January 2008  
Revised: March 2009, Section 14 transport information.

**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
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