



Material Safety Data Sheet

MSDS No.	Issue Date : June 2007	ISSUED by SCOTTSAU
Product Name :	AGROBLEN NS HI N 5-6MTH	

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name AGROBLEN NS HI N 5-6MTH
Product Code 5004
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 controlled release fertiliser

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
	Calcium sulphate dihydrate	10101-41-4	1-5%	
	Biuret	108-19-0	0.1-1.5%	
	Magnesium oxide	1309-48-4	1-5%	
	Ammonium nitrate	6484-52-2	1-5%	
	Sulphur	7704-34-9	5-10%	

4. FIRST AID MEASURES

Inhalation In case of shortness of breath, give oxygen. Possible symptoms are coughing and/or dyspnoea. Move to fresh air. If symptoms persist, call a doctor.

Ingestion Do not induce vomiting without medical advice. If a person vomits when lying on his back, place him in the recovery position. Never give anything by mouth to an unconscious person. In case of respiratory difficulties practice oxygenotherapy. Possible symptoms are nausea and/or vomiting.
If poisoning occurs contact a doctor or poisons information centre, phone 13 11 26 (Australia) 0800 764 766 (New Zealand).

Skin Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.

Eye If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use dry chemical, CO₂, water spray or "alcohol" foam.

Hazards from Combustion Products Thermal decomposition can lead to release of irritating gases and vapours.

Special Protective Equipment for fire fighters In the event of fire, do not breathe fumes. Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Ensure adequate ventilation. Avoid dust formation. Use personal protective equipment. Prevent product from entering drains. Do not contaminate surface water. Shovel or sweep up. Do not create a powder cloud by using a brush or compressed air. Prevent product from entering drains.



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7. HANDLING AND STORAGE

Precautions for Safe Handling Keep away from open flames, hot surfaces and sources of ignition.

Conditions for Safe Storage Keep away from heat and sources of ignition. Keep away from food, drink and animal feeding stuffs. For quality reasons: Keep out of reach of direct sunlight, store under dry conditions, partly used bags should be closed well. Keep at temperatures between 0 °C and 40 °C .

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Magnesium oxide (fume)	-	10	-	-

Biological Limit Values None allocated

Engineering Controls Ensure ventilation is adequate and that air concentrations are controlled below quoted Exposure Standards. Avoid generating and inhaling dusts. Keep containers closed when not in use.

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 safety glasses

Hand and body Protection Although this material does not present a significant skin concern, minimise skin contamination by following good industrial practice. Wash hands and contaminated skin thoroughly after handling. Wear gloves if in regular contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Brown, pink and grey granules.

Odour No significant odour.

Melting Point Not available

Boiling Point Decomposes on heating

Solubility in Water Coating not soluble. Soluble nutrients release through coating.

pH Value Not available

Vapour Pressure Not available

Vapour Density (Air=1) Not available

Density 800-1100kg/m³

Decomposition temperature >150°C

Flammable Limits - Lower Not available

Flammable Limits - Upper Not available

10. STABILITY AND REACTIVITY

Chemical Stability Stable under recommended storage conditions.

Conditions to Avoid Keep away from open flames, hot surfaces and sources of ignition.

Incompatible Materials Combustible material.

Hazardous Decomposition Products No decomposition if stored normally. Thermal decomposition can lead to release of irritating gases and vapours

11. TOXICOLOGICAL INFORMATION

Inhalation May cause sensitisation by inhalation.

Ingestion Ingestion may cause gastro-intestinal irritation, nausea, vomiting and



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Skin diarrhoea.
May cause skin irritation in susceptible persons.
Eye May cause eye irritation in susceptible persons.
Chronic Effects This product has low chronic toxicity. No long term effects are known.

12. ECOLOGICAL INFORMATION

Ecotoxicity No information available.
Persistence / Degradability Inherently biodegradable.
Mobility No information available.
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.

14. TRANSPORT INFORMATION

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

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

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...End Of MSDS...

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