



# Material Safety Data Sheet

MSDS No.	3001	Issue Date : June 2007	ISSUED by SCOTTS AU
Product Name :	AGRIFORM PLANTING TABLETS		

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** AGRIFORM PLANTING TABLETS  
**Product Code** 6601, 6602  
**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** Slow release fertiliser tablets

## 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
	Ureaform	9011-05-6	*	
	Calcium Phosphates	7758-23-8/7757-93-9/7758-87-4	*	
	Calcium Fluoride	7789-75-5	*	
	Potassium Sulphate	7778-80-5	*	
	Calcium Sulphate	7778-18-9	*	
	Magnesium Oxide	1309-48-4	*	
	Sodium Borate	1330-43-4	*	
	Copper Sulphate	7758-98-7	*	
	Ferrous Sulphate	7782-63-0	*	
	Manganese Sulphate	7785-87-7	*	
	Zinc Sulphate	7733-02-0	*	
				* amount not disclosed by supplier
	Surfactants	Not disclosed	*	
	Water	7732-18-5		balance

## 4. FIRST AID MEASURES

**Inhalation** Remove patient to fresh air. Obtain medical attention if irritation occurs and persist.

**Ingestion** If conscious, drink plenty of water. Do not induce vomiting. Rinse mouth. If poisoning occurs contact a doctor or poisons information centre, phone 13 11 26 (Australia) 0800 764 766 (New Zealand).

**Skin** Remove contaminated clothing and wash the effected area thoroughly with soap and water. Obtain medical attention if irritation occurs and persists.

**Eye** Flush eyes with water as a precaution. Obtain medical attention if irritation occurs and persists.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** Dry chemical.

**Hazards from Combustion Products** In a fire, thermal decomposition of urea and methylene urea will generate ammonia. Oxides of nitrogen, sulphur and carbon are also possible.

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



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## 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures** Sweep-up to prevent slipping hazard. Prevent product from entering drains. Do not contaminate surface water.  
Shovel or sweep up and return to original container if useable. If not useable dispose of at an approved waste disposal site.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling** When using do not eat, drink or smoke.  
Avoid container breakage.  
**Conditions for Safe Storage** Avoid container breakage. Keep away from food, feed or feedstuffs. Avoid contact with skin, eyes or clothing. Wash after handling. Keep out of reach of children

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
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** Protective eye wear is normally not required when handling this product but is suggested to avoid eye contact.

**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** Bluish grey-green tablet  
**Odour** No odour.  
**Melting Point** Not available  
**Boiling Point** decomposes on heating  
**Solubility in Water** 75%  
**pH Value** Not available  
**Vapour Pressure** Not available  
**Vapour Density (Air=1)** Not available  
**Density** Not available  
**Decomposition 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** None known  
**Incompatible Materials** None known  
**Hazardous** No decomposition if stored normally. In a fire, thermal decomposition of



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**Decomposition Products** urea and methylene urea will generate ammonia. Oxides of nitrogen, sulphur and carbon are also possible.

## 11. TOXICOLOGICAL INFORMATION

**Inhalation** This product is formulated as a large granule and is unlikely to be inhaled but if granule breakdown leads to dust formation then inhalation of product in dust form may cause irritation.

**Ingestion** this product has low toxicity but in large amounts ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

**Skin** 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** May be beneficial to plant life.

**Persistence / Degradability** Inherently biodegradable. Non-persistent

**Mobility** Water contaminating.

**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

<b>Contact Person/Point</b>	Scotts Australia Pty Ltd	New Zealand:
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