



# Material Safety Data Sheet

MSDS No.	2026	Issue Date : October 2007	ISSUED by SCOTTS AU
Product Name: <b>SIERRAFORM GT MOMENTUM</b>			

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** SIERRAFORM GT MOMENTUM 22+2+9  
**Product Code** 4015  
**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** Fertiliser

## 2. HAZARDS IDENTIFICATION

**Hazard Classification** Australia:  
Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), 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.  
Not classified as Dangerous Goods for transport, according to the New Zealand Standard NZS 5433:1999 Transport of Dangerous Goods on Land.  
HSNO classification:  
6.3B Substance that is irritating to the skin  
  
Hazard statement code:  
H316- Causes mild skin irritation.  
Precautionary statement codes- prevention:  
P103- Read label before use.  
Precautionary statement codes- response:  
P332+P313- If skin irritation occurs: Get medical advice/attention.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion	Ingredients
	Iron sulphate	7720-78-7	1 - 5 %	
	Potassium sulphate	7778-80-5	10-25 %	
	Talc	14807-96-6	1 - 5 %	

## 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 or Poisons Information Centre on 13 11 26 (Australia) or 0800 764 766 (New Zealand).

**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 on 13 11 26 (Australia) or 0800 764 766 (New Zealand).

**Skin** If a person feels unwell or symptoms of skin irritation appear, consult a doctor.

**Eye** Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** Coordinate fire extinguishing measures to fire in surrounding area.

**Hazards from** Thermal decomposition can lead to release of irritating gases and



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**Combustion Products** vapours.  
**Special Protective Equipment for fire fighters** 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.

## 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** Australian National Occupational Health And Safety Commission (NOHSC)  
 Exposure Standards:

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Talc (containing no asbestos fibres)	-	2.5	-	-

New Zealand Occupational Safety and Health Service (OSH) Workplace Exposure Standards:

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Talc (containing no asbestos fibres)	-	2 (respirable dust)	-	-

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

**Biological Limit Values** None allocated

**Engineering Controls** Ensure adequate ventilation.  
**Respiratory Protection** Not required  
**Hand Protection** PVC or other plastic material gloves  
**Eye/face protection** Safety glasses  
**Skin and body Protection** Usual safety precautions while handling the product will provide adequate protection against this potential effect.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Dark grey, brownish granules  
**Odour** Not available  
**Melting Point** Not available  
**Boiling Point** Not available  
**Solubility in Water** Moderately soluble  
**pH Value** Not available  
**Vapour Pressure** Not available  
**Vapour Density (Air=1)** Not available  
**Bulk density** 800-1100kg/m<sup>3</sup>



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**Decomposition temperature** >150°C

**Flashpoint** Non-flammable

**Flammable Limits** Non-flammable

## 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.

**Materials to avoid** Combustible materials.

**Hazardous Decomposition Products** No decomposition of stored normally. Thermal decomposition may lead to release of irritating bases and vapours.

## 11. TOXICOLOGICAL INFORMATION

**Inhalation** May cause sensitisation by inhalation.

**Ingestion** Ingestion may cause gastro-intestinal irritation, nausea, vomiting and diarrhoea.

**Skin** May cause skin irritation in susceptible persons.

**Eye** Contact with eyes may cause irritation.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Component information:  
Iron sulphate:  
EC50/48hr/daphnia >100mg/L  
LC50/96hr/rainbow trout >72.5mg/L (6d)  
EC50/72hr/algae 22mg/L  
Potassium sulphate  
LC50/96hr/rainbow trout 890mg/L

**Persistence / Degradability** Will not bioaccumulate.

**Environ. Protection** Do not allow product or empty container to enter drains, sewers, streams, ponds or other waterways.

## 13. DISPOSAL CONSIDERATIONS

**Disposal Considerations** Use up product completely. Empty container can be landfilled when in compliance with local regulations.

## 14. TRANSPORT INFORMATION

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

## 15. REGULATORY INFORMATION

**Regulatory Information** HSNO Approval Code HSR000257.

**Poisons Schedule** Not a scheduled poison.

## 16. OTHER INFORMATION

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

**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