



## MATERIAL SAFETY DATA SHEET

### Section 1 – IDENTIFICATION

|                            |                                                            |                                                          |
|----------------------------|------------------------------------------------------------|----------------------------------------------------------|
| Product name               | SCOTTS LAWN BUILDER PATCHMASTER 4 IN 1 REPAIR MIX          |                                                          |
| Other names                | -                                                          |                                                          |
| Recommended use/s          | Patching bare spots in lawns                               |                                                          |
| Supplier name              | Scotts Australia Pty. Ltd.                                 |                                                          |
| Address                    | Australia:<br>11 Columbia Way<br>Baulkham Hills, NSW, 2153 | New Zealand:<br>180c Great South Rd<br>Takanini Auckland |
| Telephone number           | 02 8853 7300                                               | 09 299 6558                                              |
| Fax                        | 02 8853 7310                                               | 09 296 0186                                              |
| Emergency telephone number | Australia: 1800 033 111                                    | New Zealand: 0800 734 607                                |

### Section 2 - HAZARDS IDENTIFICATION

|                          |                                                                                                                            |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------|
| General hazard statement | The dusts and mists (bioaerosols) from this product are HAZARDOUS according to the criteria of NOHSC. NON-DANGEROUS GOODS. |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------|

### Section 3 - COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                                                                                                                                                                                                                                                                                     | CAS Number | Proportion % w/w |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------------|
| Composts, potting mixes and other organic gardening materials are made by blending naturally occurring materials including plant mulch, top soil, sand, wood dust, manure and mushroom compost. The material contains a variety of living micro-organisms including bacteria, fungi and protozoa. |            |                  |
| Grass seed                                                                                                                                                                                                                                                                                        | -          | <10%             |
| Monoammonium phosphate                                                                                                                                                                                                                                                                            | 7722-76-1  | <3%              |
| Urea                                                                                                                                                                                                                                                                                              | 57-13-6    | <3%              |
| Potassium sulphate                                                                                                                                                                                                                                                                                | 7778-80-5  | <3%              |

### Section 4 - FIRST AID MEASURES

|                                                                          |                                                                                                           |
|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Standard SUSDP First Aid Statement                                       | If poisoning occurs contact a doctor or Poisons Information Centre. Phone 13 11 26.                       |
| <i>Description of necessary measures according to routes of exposure</i> |                                                                                                           |
| Eye contact                                                              | Flush eyes thoroughly for 10 minutes with plenty of water. If irritation persists seek medical attention. |
| Skin contact                                                             | Wash thoroughly with mild soap and water.                                                                 |
| Inhalation                                                               | Remove to fresh air.                                                                                      |
| Ingestion                                                                | Give water to drink. Seek medical attention if any abdominal symptoms.                                    |
| Advice to doctor                                                         | Treat symptomatically.                                                                                    |

### Section 5 - FIREFIGHTING MEASURES

|                                                              |                                       |
|--------------------------------------------------------------|---------------------------------------|
| Suitable extinguishing media                                 | Media applicable to surrounding fire. |
| Hazards from combustion products                             | Product is not flammable.             |
| Special protective precautions & equipment for fire fighters | As applicable to surrounding fire.    |

## Section 6 - ACCIDENTAL RELEASE MEASURES

|                                                    |                                                                                                                                 |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Emergency procedures                               | Contain and prevent runoff into drains and waterways.                                                                           |
| Methods and materials for containment and clean up | Collect in labelled containers. Waste material can be disposed of as trade waste in accordance with local authority guidelines. |

## Section 7 - HANDLING AND STORAGE

|                                                              |                                                                                                                                    |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Precautions for safe handling                                | Avoid skin and eye contact and breathing in vapours, dusts, mists and aerosols.                                                    |
| Conditions for safe storage, including any incompatibilities | Store in the closed original container in a dry, cool, well ventilated area out of direct sunlight. Keep out of reach of children. |

## Section 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| National exposure standards   | There are no specific standards for composts and potting mixes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Biological limit values       | No biological limit value allocated.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Engineering controls          | All work with this product should be carried out in such a way as to avoid skin contact and minimise exposure to dust and/or liquid mist (bioaerosols). Natural ventilation should be adequate under normal use conditions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Personal protective equipment | <b>Respiratory protection-</b> Avoid breathing dust and/or liquid mist (bioaerosols). Wear an approved particulate respirator conforming with AS/NZS 1715 and 1716 when exposed to dust and/or liquid mists. These standards should be followed in the selection, fit-testing, use, storage and maintenance of respirators.<br><b>Skin protection-</b> Wear standard duty gloves (AS2161), loose comfortable clothing and boots. Long sleeved shirt and trousers are recommended if skin irritation occurs. Wash skin with mild soap and water immediately after working with this material. Wash clothes regularly.<br><b>Eye protection-</b> goggles or safety glasses should be worn if there is a risk of dust and/or liquid mist (bioaerosols) getting into the eyes. |

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

|                                           |                                                        |
|-------------------------------------------|--------------------------------------------------------|
| Appearance (colour, physical form, shape) | Brown blend of natural organic and mineral substances. |
| Odour                                     | Earthy odour                                           |
| pH                                        | Not available                                          |
| Vapour pressure                           | Not applicable                                         |
| Vapour density                            | Not applicable                                         |
| Boiling point/range                       | Not applicable                                         |
| Freezing/melting point                    | Not applicable                                         |
| Solubility (specify solvent)              | Insoluble in water                                     |
| Specific gravity or density               | Varies according to composition.                       |
| Flashpoint                                | Not applicable                                         |
| Flammability                              | Not flammable                                          |
| Upper and lower flammable limits          | Not applicable                                         |
| Ignition temperature                      | Not applicable                                         |

## Section 10 - STABILITY AND REACTIVITY

|                                  |                                                                     |
|----------------------------------|---------------------------------------------------------------------|
| Chemical stability               | Stable under normal conditions of use.                              |
| Conditions to avoid              | Avoid contact with foodstuffs and other chemicals.                  |
| Incompatible materials           | Not applicable                                                      |
| Hazardous decomposition products | Ammonia, oxides of carbon, oxides of phosphorus, oxides of sulphur. |
| Hazardous reactions              | None known                                                          |

## Section 11 - TOXICOLOGICAL INFORMATION

Health effects from likely routes of exposure

Acute health effects

**Swallowed-** unlikely under normal conditions. Swallowing composts and potting mixes may cause abdominal discomfort and increase the risk of gastro-intestinal infections.

**Eye-** the dust and/or liquid mists (bioaerosols) may be irritating to the eyes resulting in redness and watering or eye infection.

**Skin-** skin contact with this product and its dust and/or liquid mists (bioaerosols) may result in skin irritation and in some people may lead to sensitisation, dermatitis or skin infection.

**Inhaled-** inhalation of dusts and/or mists (bioaerosols) may irritate, inflame or sensitise the nose, throat and lungs and aggravate pre-existing conditions such as asthma and bronchitis.

Chronic health effects

Repeated inhalation of dust and/or liquid mists (bioaerosols) from this product may result in respiratory irritation, inflammation or sensitisation resulting in illnesses ranging from hayfever to asthma to pneumonia (e.g. Legionnaires disease) and pneumonia-like illness. The elderly, those with pre-existing respiratory disease and the immunocompromised are at particular risk from these illnesses. All people working with this and other landscaping and horticultural products should ensure that they are adequately protected from tetanus.

## Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity

Avoid contaminating waterways with product or empty container.

## Section 13 - DISPOSAL CONSIDERATIONS

Disposal methods and containers

Use on garden or collect in containers for disposal as trade waste according to local authority guidelines.

Special precautions for landfill or incineration

None required.

## Section 14 - TRANSPORT INFORMATION

Dangerous Goods Classification

Not classified as a dangerous good according to the ADG Code, IATA or IMDG.

UN Number

Not applicable

UN Proper Shipping Name

Not applicable

Class and subsidiary risk

Not applicable

Packing Group

Not applicable

Special precautions for user

Not applicable

Hazchem Code

Not applicable

## Section 15 - REGULATORY INFORMATION

*The regulatory status of a material (including its ingredients) under relevant Australian health, safety and environmental legislation*

Poisons Scheduling (Australia SUSDP) Not a scheduled poison.

**Section 16 - OTHER INFORMATION**

Date of preparation or last revision of this MSDS May 2006

MSDS

Key/legend to abbreviations and  
acronyms used in the MSDS

IATA – International Air Transport Association  
WHMIS – Workplace Hazardous Materials Information System  
HMIS – Hazardous Materials Information System  
ACGIH – American Conference of Government Industrial Hygienists  
IARC – Inter Agency Regulatory Council  
NOHSC – National Occupational Health and Safety Commission (Australia)  
SUSDP – Standard for the Uniform Scheduling of Drugs and Poisons  
(Australia)  
STEL – Short Term Exposure Limit  
OSHA – Occupational Safety and Health Administration  
NTP – National Toxicology Program  
PEL – Permissible Exposure Limit  
TWA – Time Weighted Averages TLV - Threshold Limit Value  
NIOSH – National Institute of Occupational Health and Safety

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