



Safety Data Sheet

MSDS No.	107700	Issue Date:	February 2017	Page:	1 of 5
Product Name:	OSMOCOTE PLUS ORGANICS GROWING MEDIA			Version:	2.0

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product identifier	SCOTTS OSMOCOTE PLUS ORGANICS POTTING & PLANTING MIX SCOTTS OSMOCOTE PLUS ORGANICS VEGETABLE & HERB MIX 107700, 107705, 107709, composted soil conditioner
Other means of identification	
Recommended use and restrictions on use	Composted garden amendment
Supplier name	SCOTTS AUSTRALIA PTY LTD
Address	Australia: Building E, Level 2 32 Lexington Drive Bella Vista NSW 2153
Telephone	(02) 8602 9000
Emergency telephone	1800 033 111 (24 hour)

2. HAZARDS IDENTIFICATION

Hazard classification	Australia: Not classified as hazardous according to the GHS criteria of Safe Work Australia. Not classified as dangerous goods according to the ADG Code, IATA or IMDG criteria. NOTE: Classified as hazardous in Western Australia under the Health (Garden Soil) Regulations 1998. PREVENTION P261: Avoid breathing dusts P262: Do not get in eyes, on skin or on clothing. P281: Use personal protective equipment as required. RESPONSE P335: Brush off loose particles from skin. P301+P330+P331: IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P309+P311: If exposed or if you feel unwell: Call a POISON CENTRE or doctor/physician. P370+P378: In case of fire, use carbon dioxide, dry chemical, foam, water fog. STORAGE P402+P404: Store in a dry place. Store in closed container. DISPOSAL P501: If they cannot be recycled, dispose of contents to an approved waste disposal plant and containers to landfill (see section 13 of this SDS).
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3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS	Concentration
Raw and/or composted natural organic materials with fertilizer additives. May contain a variety of living micro-organisms including bacteria, fungi and protozoa.	-	100%

4. FIRST AID MEASURES

Description of necessary first aid measures	Inhalation: Remove to fresh air. If irritation occurs and persists, seek medical attention. Ingestion: Give water to drink. Seek medical attention if any abdominal symptoms appear. Skin: Wash thoroughly with mild soap and water. Eye: Flush eyes with water for at least 10 minutes. If eye irritation persists, seek medical attention.
Symptoms caused by exposure	Inhalation: May cause irritation, inflammation or sensitization of the nose, throat and lungs. Ingestion: May cause gastro-intestinal discomfort. Skin: May cause skin irritation. Eye: May cause eye irritation, redness and watering.



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Medical attention and special treatment Seek medical attention if symptoms persist.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media As for surrounding fire.

Specific hazards arising from the chemical No information available.

Special protective equipment and precautions for fire fighters Wear self-contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Minor spills do not normally need any special cleanup measures. Ensure adequate ventilation. Avoid dust formation. Use personal protective equipment as prescribed in section 8 of this SDS. Collect spilled material for disposal.

Environmental precautions Prevent product and runoff from entering drains and waterways.

Methods and materials for containment and cleanup Vacuum, shovel or sweep up and collect in containers for disposal. After spills, wash area preventing runoff from entering drains.

7. HANDLING AND STORAGE

Precautions for safe handling Avoid contact with eyes and skin. Avoid breathing dust and/or liquid mists (bioaerosols). Wash hands thoroughly immediately after handling and before eating, drinking or smoking. Wash work clothes regularly. Keep containers closed when not in use. Clean up by wet sweeping or vacuuming.

Conditions for safe storage including incompatibilities Store in a cool, dry place out of direct sunlight. Keep away from food, drink and animal feeding stuffs. Partly used bags should be closed well.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards The exposure standard for dust not otherwise specified is 10mg/m³ for inspirable dust and 3mg/m³ for respirable dust. The limit applies to both Australia and New Zealand.

Biological monitoring No biological limit values are allocated.

Appropriate engineering controls Ensure adequate ventilation. Natural ventilation should be adequate under normal conditions of use.

Respiratory protection If exposed to dusts and/or liquid mists (bioaerosols), wear a particulate respirator which conforms to AS/NZS 1715 and 1716.

Skin protection Wear standard duty gloves (AS/NZS 2161.2).

Eye and face protection If exposed to dusts and/or liquid mists (bioaerosols), wear dust resistant eye protection (AS/NZS 1336).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Dark brown to black blend of natural organic and mineral substances.

Odour Earthy odour.

Odour threshold Not available.

pH 5-7

Melting point/freezing point Not applicable

Boiling point Not applicable

Flashpoint Not applicable



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Evaporation rate	Not applicable
Flammability	Non-flammable
Upper/lower flammability limits	Not available
Vapour pressure	Not applicable
Vapour density (Air=1)	Not applicable
Solubility	Not readily soluble in water.
Bulk density/specific gravity	Varies according to composition and moisture content.
Auto-ignition temperature	Not available
Decomposition temperature	Not available

10. STABILITY AND REACTIVITY

Reactivity	Unlikely to react or decompose under normal storage conditions.
Chemical stability	Stable under normal conditions of storage and use.
Incompatible materials and possible hazardous reactions	Strong oxidizing agents.
Conditions to avoid	This product should be kept in a cool, well ventilated place, preferably below 30°C. Containers should be kept dry and away from sparks and sources of ignition.
Hazardous decomposition products	Combustion may form carbon dioxide, carbon monoxide, smoke, water, nitrogen and its compounds, possibly including oxides of nitrogen, hydrogen cyanide gas, oxides of sulphur and other sulphur compounds.

11. TOXICOLOGICAL INFORMATION

Information on routes of exposure	Possible routes of exposure are by skin contact, inhalation and ingestion.
Acute toxicity	No acute toxicity data exists for this substance. Ingestion of this substance may cause abdominal discomfort and increase the risk of gastro-intestinal infections.
Skin corrosion/irritation	Direct skin contact with this material or its dust and/or liquid mists (bioaerosols) may cause skin irritation (dermatitis) or infection.
Serious eye damage/irritation	Contact with this material or its dust and/or liquid mists (bioaerosols) may cause eye irritation or infection.
Respiratory or skin sensitisation	Inhalation of this material or its dust and/or liquid mists (bioaerosols) may cause irritation, inflammation or sensitization of the nose, throat and lungs resulting in illnesses ranging from hayfever or asthma, to pneumonia (e.g. Legionnaire's disease) or pneumonia-like illnesses. People particularly at risk are those suffering from asthma or allergies, and those whose immune defence systems are compromised.
Germ cell mutagenicity	Data is not available for this substance.
Carcinogenicity	Data is not available for this substance.
Reproductive toxicity	Data is not available for this substance.
Specific target organ toxicity (STOT)-single exposure	Data is not available for this substance.
Specific target organ toxicity (STOT)-repeated exposure	Data is not available for this substance.
Aspiration hazard	Data is not available for this substance.
Chronic effects	Direct contact and repeated inhalation of dust and/or liquid mists from these products may cause skin irritation or infection, respiratory irritation, inflammation or sensitisation of the nose, throat and lungs resulting in



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illness ranging from hay fever, asthma, bronchitis to pneumonia or other pneumonia-like illnesses (e.g. Legionnaire's disease). Children, pregnant women, the elderly, people with pre-existing conditions or the immuno-compromised people may be at a particular risk from these illnesses if exposed to these products. All people working with these and other horticultural and landscaping products should safeguard themselves from tetanus.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No specific ecotoxicity data exists for this substance.
Persistence and degradability	Material will biodegrade over time.
Bioaccumulative potential	Will not bioaccumulate.
Mobility in soil	No information available.
Other adverse effects	No information available.

13. DISPOSAL CONSIDERATIONS

Safe handling and disposal methods	Dispose of product by using completely according to label directions or collect in containers for disposal as trade waste in accordance with local authority guidelines. Clean up by vacuuming or wet sweeping to avoid generating dust. Wear personal protective equipment as described in section 8 of this SDS.
Disposal of contaminated packaging	For household quantities of packaging, dispose in municipal waste. For large quantities, dispose as trade waste in accordance with local authority guidelines.
Environmental regulations	Do not allow product to contaminate drains, ponds, streams or other waterways. Dispose of product and packaging according to local and state government regulations.

14. TRANSPORT INFORMATION

Transport information	ADG Code: Not classified as dangerous goods. IMDG Code: Not classified as dangerous goods. IATA Regulations: Not classified as dangerous goods.
U.N. number	Not applicable.
Proper shipping name	Not applicable.
Hazard class	Not applicable.
Packing group	Not applicable.
Environmental hazards	Not applicable.
Special precautions during transport	Not applicable.
Hazchem code	Not applicable.
EPG number	Not applicable.

15. REGULATORY INFORMATION

Safety, health and environmental regulations	Western Australia: Garden soils are declared to be hazardous under the Health (Garden Soil) Regulations 1998.
Poisons schedule	Not a scheduled poison according to the SUSMP.

16. OTHER INFORMATION

Date of preparation or last revision of SDS	SDS Created: January 2017
Key abbreviations and acronyms used	ADG Code: Australian Code for the Transport of Dangerous Goods by Road & Rail GHS: Globally Harmonized System of Classification and Labelling HSNO: New Zealand Hazardous Substances and New Organisms legislation. IATA: International Air Transport Association



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IMDG: International Maritime Dangerous Goods Code
NZS5433: New Zealand Standard- Transport of Dangerous Goods on Land.
SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons.
UN: United Nations