



# Safety Data Sheet

MSDS No.	107420	Issue Date:	January 2012	Page:	1 of 4
Product Name:	<b>OSMOCOTE ORGANIC GARDEN SOIL PLUS</b>			Version:	3.0

<b>1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER</b>		
<b>Product name</b>	OSMOCOTE ORGANIC GARDEN SOIL PLUS	
<b>Product code/s</b>	107420, 107795	
<b>Recommended use</b>	Composted soil conditioner	
<b>Manufacturer</b>	SCOTTS AUSTRALIA PTY LTD	
<b>Address</b>	Australia: Scotts Australia Pty Ltd 11 Columbia Way Baulkham Hills NSW 2153	
<b>Telephone</b>	(02) 8853 7300	
<b>Emergency telephone</b>	1800 033 111 (24 hour)	
<b>2. HAZARDS IDENTIFICATION</b>		
<b>Hazard classification</b>	<b>Australia:</b> HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.  <i>Risk and safety phrases:</i> May cause sensitisation by inhalation. May cause sensitisation by skin contact. Do not breathe dust. Avoid contact with skin. Wear suitable gloves. Use only in well-ventilated areas.	
<b>3. COMPOSITION/INFORMATION ON INGREDIENTS</b>		
<b>Name</b>	<b>CAS</b>	<b>Proportion of ingredients</b>
Potting mixes and composted soil conditioners are made by blending naturally occurring materials which may include 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.		
<b>4. FIRST AID MEASURES</b>		
<b>Inhalation</b>	Remove to fresh air. If irritation occurs and persists, seek medical attention.	
<b>Ingestion</b>	Give water to drink. Seek medical attention if any abnormal symptoms appear.	
<b>Skin</b>	Wash thoroughly with mild soap and water.	
<b>Eye</b>	Flush eyes thoroughly with water for at least 10 minutes. If eye irritation persists, seek medical attention.	
<b>First aid facilities</b>	Soap, water, wash facilities.	
<b>Advice to doctor</b>	Treat symptomatically.	
<b>5. FIRE FIGHTING MEASURES</b>		
<b>Suitable extinguishing media</b>	As for surrounding fire.	
<b>Hazards from combustion products</b>	No information available.	
<b>Special protective precautions and equipment for fire fighters</b>	Wear self contained breathing apparatus for fire fighting if necessary.	
<b>Hazchem code</b>	None allocated.	
<b>6. ACCIDENTAL RELEASE MEASURES</b>		



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<b>Emergency procedures</b>	Ensure adequate ventilation. Avoid dust formation. Use personal protective equipment. Prevent product from entering drains. Do not contaminate surface water.
<b>Methods and materials for containment and cleanup</b>	Vacuum, shovel or sweep up and collect in containers for disposal.

## 7. HANDLING AND STORAGE

<b>Precautions for safe handling</b>	Avoid contact with eyes and skin. Avoid breathing dust and/or liquid mists (bioaerosols). Wash thoroughly immediately after handling. Wash work clothes regularly. Clean up by wet sweeping or vacuuming.
<b>Conditions for safe Storage</b>	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

<b>National exposure standards</b>	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.
<b>Biological limit values</b>	None allocated
<b>Engineering controls</b>	Ensure adequate ventilation.
<b>Respiratory protection</b>	If exposed to dusts and/or liquid mists, wear a particulate respirator (AS/NZS 1715 and 1716).
<b>Skin protection</b>	Wear standard duty gloves (AS/NZS 2161.2).
<b>Eye protection</b>	If exposed to dusts and/or liquid mists, wear dust resistant eye protection (AS/NZS 1336).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Brown-black blend of natural organic and mineral substances.
<b>Odour</b>	Earthy odour
<b>pH value</b>	5-7
<b>Vapour pressure</b>	Not applicable
<b>Vapour density (Air=1)</b>	Not applicable
<b>Boiling point</b>	Not applicable
<b>Melting point</b>	Not applicable
<b>Solubility in water</b>	Not readily soluble
<b>Bulk density/specific gravity</b>	Varies according to composition and moisture content.
<b>Flashpoint</b>	Not available
<b>Auto-ignition temperature</b>	Not available
<b>Flammable limits-lower</b>	Not available
<b>Flammable limits-upper</b>	Not available

## 10. STABILITY AND REACTIVITY



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<b>Chemical stability</b>	Stable under normal conditions of storage.
<b>Conditions to avoid</b>	None known
<b>Incompatible materials</b>	None known
<b>Hazardous decomposition products</b>	None known
<b>Hazardous reactions</b>	None known

## 11. TOXICOLOGICAL INFORMATION

<b>General</b>	Potting mix/composted soil conditioner dusts and liquid mists are recognised to be a potential health hazard.
<b>Inhalation</b>	Inhalation of dust and/or liquid mists (bioaerosols) may irritate, inflame or sensitise the nose, throat and lungs resulting in illnesses ranging from hayfever or asthma, to pneumonia (e.g. Legionnaire's disease) or pneumonia-like illnesses. May aggravate pre-existing conditions such as asthma and bronchitis.
<b>Ingestion</b>	Unlikely under normal conditions. Swallowing potting mixes/composted soil conditioner may cause abdominal discomfort and increase the risk of gastro-intestinal infections.
<b>Skin</b>	Skin contact with these products and their dusts and/or liquid mists (bioaerosols) may result in skin irritation and in some people may lead to desensitisation, dermatitis or skin infection.
<b>Eye</b>	The dust and/or liquid mist (bioaerosols) may be irritating to the eyes, resulting in redness and watering or eye infections.
<b>Chronic effects</b>	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 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

<b>Ecotoxicity</b>	No information available.
<b>Persistence and degradability</b>	No information available.
<b>Mobility</b>	No information available.
<b>Bioaccumulative potential</b>	Will not bioaccumulate.
<b>Environmental protection</b>	Do not allow chemical or container to contaminate streams, ponds, drains and other waterways.

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal methods and containers</b>	Dispose of product by using completely or collect in containers for disposal as trade waste in accordance with local authority guidelines. Clean up be vacuuming or wet sweeping to avoid generating dust.
<b>Special precautions for landfill/incineration</b>	None known.

## 14. TRANSPORT INFORMATION



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Product Name:	<b>OSMOCOTE ORGANIC GARDEN SOIL PLUS</b>			Version:	3.0

<b>Transport information</b>	ADG Code:	Not classified.
	NZS5433:2007:	Not classified.
	IMDG Code:	Not classified.
	IATA Regulations:	Not classified.

## 15. REGULATORY INFORMATION

<b>Regulatory information</b>	No information available.
<b>Poisons schedule</b>	Not a scheduled poison.

## 16. OTHER INFORMATION

<b>Date of preparation or last revision of SDS</b>	SDS created: January 2012
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