



Safety Data Sheet

MSDS No.	107510	Issue Date:	January 2012	Page:	1 of 4
Product Name:	MIRACLE-GRO POTTING MIX			Version:	2.0

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER		
Product name	MIRACLE-GRO POTTING MIX RANGE: MIRACLE-GRO MULTI-PURPOSE MIRACLE-GRO ALL PURPOSE MIRACLE-GRO ORCHID	
Product code/s	107510, 107540, 107545, 107555, 107595	
Recommended use	Potting mix	
Manufacturer	SCOTTS AUSTRALIA PTY LTD	
Address	Australia: Scotts Australia Pty Ltd 11 Columbia Way Baulkham Hills NSW 2153	
Telephone	(02) 8853 7300	
Emergency telephone	1800 033 111 (24 hour)	
2. HAZARDS IDENTIFICATION		
Hazard classification	Australia: 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.	
3. COMPOSITION/INFORMATION ON INGREDIENTS		
Name	CAS	Proportion of ingredients
Potting mixes 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.		
4. 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 abnormal symptoms appear.	
Skin	Wash thoroughly with mild soap and water.	
Eye	Flush eyes thoroughly with water for at least 10 minutes. If eye irritation persists, seek medical attention.	
First aid facilities	Soap, water, wash facilities.	
Advice to doctor	Treat symptomatically.	
5. FIRE FIGHTING MEASURES		
Suitable extinguishing media	As for surrounding fire.	
Hazards from combustion products	No information available.	
Special protective precautions and equipment for fire fighters	Wear self contained breathing apparatus for fire fighting if necessary.	
Hazchem code	None allocated.	



Safety Data Sheet

MSDS No.	107510	Issue Date:	January 2012	Page:	2 of 4
Product Name:	MIRACLE-GRO POTTING MIX			Version:	2.0

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.
Methods and materials for containment and cleanup	Vacuum, shovel or sweep up and collect in containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling	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.
Conditions for safe Storage	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 10 mg/m ³ (for inspirable dust) and 3 mg/m ³ (for respirable dust). The limit applies to both Australia and New Zealand.
Biological limit values	None allocated
Engineering controls	Ensure adequate ventilation.
Respiratory protection	If exposed to dusts and/or liquid mists, wear a particulate respirator (AS/NZS 1715 and 1716).
Skin protection	Wear standard duty gloves (AS/NZS 2161.2).
Eye protection	If exposed to dusts and/or liquid mists, wear dust resistant eye protection (AS/NZS 1336).

9. PHYSICAL AND CHEMICAL PROPERTIES

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



Safety Data Sheet

MSDS No.	107510	Issue Date:	January 2012	Page:	3 of 4
Product Name:	MIRACLE-GRO POTTING MIX			Version:	2.0

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

General	Potting mix dusts and liquid mists are recognised to be a potential health hazard.
Inhalation	Inhalation of dust and/or liquid mists (bioaerosols) may irritate, inflame or sensitise the nose, throat and lungs resulting in illnesses ranging from hay fever or asthma, to pneumonia (e.g. Legionnaire's disease) or pneumonia-like illnesses. May aggravate pre-existing conditions such as asthma and bronchitis.
Ingestion	Unlikely under normal conditions. Swallowing potting mixes may cause abdominal discomfort and increase the risk of gastro-intestinal infections.
Skin	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.
Eye	The dust and/or liquid mist (bioaerosols) may be irritating to the eyes, resulting in redness and watering or eye infections.
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 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 information available.
Persistence and degradability	No information available.
Mobility	No information available.
Bioaccumulative potential	Will not bioaccumulate.
Environmental protection	Do not allow chemical or container to contaminate streams, ponds, drains and other waterways.

13. DISPOSAL CONSIDERATIONS

Disposal methods and containers	Dispose of product by using completely 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.
Special precautions for landfill/incineration	None known.



Safety Data Sheet

MSDS No.	107510	Issue Date:	January 2012	Page:	4 of 4
Product Name:	MIRACLE-GRO POTTING MIX			Version:	2.0

14. TRANSPORT INFORMATION

Transport information	ADG Code:	Not classified.
	NZS5433:2007:	Not classified.
	IMDG Code:	Not classified.
	IATA Regulations:	Not classified.

15. REGULATORY INFORMATION

Regulatory information	No information available.
Poisons schedule	Not a scheduled poison.

16. OTHER INFORMATION

Date of preparation or last revision of SDS	SDS created: January 2012
--	---------------------------