SAFETY DATA SHEET

SCOTTS OSMOCOTE PROFESSIONAL POTTING MIX RANGE

Infosafe No.: LQABT
ISSUED Date : 14/08/2020
ISSUED by: Evergreen Garden Care Australia Pty. Ltd.

1. IDENTIFICATION

GHS Product Identifier
SCOTTS OSMOCOTE PROFESSIONAL POTTING MIX RANGE

Company Name
Evergreen Garden Care Australia Pty. Ltd.

Address
Building E, Level 2
24-32 Lexington Drive, Bella Vista
NSW AUSTRALIA

Telephone/Fax Number
Tel: (02) 8602 9000
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Emergency phone number
1800 033 111

Recommended use of the chemical and restrictions on use
Potting mix

Other Names

Name	Product Code
OSMOCOTE PROFESSIONAL AFRICAN VIOLET & CYCLAMEN MIX	107790
OSMOCOTE PROFESSIONAL BONSAI MIX	107780
OSMOCOTE PROFESSIONAL BULB MIX	107770
OSMOCOTE PROFESSIONAL CACTI & SUCCULENTS MIX	107750, 107755
OSMOCOTE PROFESSIONAL FRUIT & CITRUS POTTING & PLANTING MIX	107815
OSMOCOTE PROFESSIONAL MULTI-PURPOSE POTTING MIX	107715, 107799
OSMOCOTE PROFESSIONAL NATIVE MIX	107775
OSMOCOTE PROFESSIONAL ORCHID MIX	107730, 107735
OSMOCOTE PROFESSIONAL PREMIUM MIX	107720, 107725, 107899
OSMOCOTE PROFESSIONAL PREMIUM PLUS POTTING MIX	107820, 107825, 107829
OSMOCOTE PROFESSIONAL ROSE, GARDENIA, AZALEA & CAMELLIA MIX	107760, 107765
OSMOCOTE PROFESSIONAL SEED RAISING & CUTTING MIX	107740, 107745
OSMOCOTE PROFESSIONAL TERRACOTTA POT & PLANTER MIX	107785
OSMOCOTE PROFESSIONAL TERRACOTTA & VERTICAL GARDEN MIX	107885
OSMOCOTE PROFESSIONAL VEGETABLE, TOMATO & HERB MIX	107805

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture
Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Other Information
This product contains crystalline silica. No exposure to free respirable crystalline silica is anticipated during normal use of this product as silica is bound in the damp material. It should be noted, however, that respirable crystalline silica has been listed as a Group 1 human carcinogen by the IARC. Inhalation of respirable silica may cause cancer, silicosis or other serious delayed lung injury. Grinding or machining of coated materials may release silica. Use approved dust respirator when grinding, sanding or machining the dried items.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition
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.

Respirable sized crystalline silica bound in the damp material.

Ingredients

Name	CAS	Proportion
Crystalline Silica (Quartz)	14808-60-7	10-<30 %
Ingredients determined not to be hazardous, including water.		Balance

4. FIRST-AID MEASURES

Inhalation
If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

Ingestion
Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.

Skin
Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

Eye contact
If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and/or persist seek medical attention.

First Aid Facilities
Eyewash and normal washroom facilities.

Advice to Doctor
Treat symptomatically.

Other Information
For advice in an emergency, contact a Poisons Information Centre or a doctor at once. (131 126)

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Use appropriate fire extinguisher for surrounding environment.

Hazards from Combustion Products
Non combustible material.

Specific Hazards Arising From The Chemical
This product is non combustible. However heating can cause expansion or decomposition leading to violent rupture of containers.

Decomposition Temperature
Not available

Precautions in connection with Fire
Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. Fight fire from safe location.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures
Wear appropriate personal protective equipment and clothing to prevent exposure. Increase ventilation. If possible contain the spill. Sweep up material avoiding dust generation or dampen spilled material with water to avoid airborne dust. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Seal all wastes in labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling
Avoid inhalation of dust/mist, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of dust in the work atmosphere. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for safe storage, including any incompatibilities
Store in a cool, dry, well-ventilated area, out of direct sunlight and moisture. Store in suitable, labelled containers. Keep containers tightly closed. Keep away from food, drink and animal feeding stuffs. Ensure that storage conditions comply with applicable local and national regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values
No exposure value assigned for this material. However, the available exposure limits for ingredients are listed below:

Crystalline Silica (Cristobalite and quartz)
TWA: 0.05 mg/m³
Advisory carcinogen category: Carc. 1A

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.
Carc.1A: Known to have carcinogenic potential for humans.
Source: Safe Work Australia

Biological Limit Values
No Biological limit available.

Appropriate Engineering Controls
Use with good general ventilation. If mists or vapours are produced, local exhaust ventilation should be used.

Respiratory Protection
If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable dust/particulate filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection
Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 (series) - Eye Protectors for Industrial Applications.

Hand Protection
Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection
Brown-black blend of natural organic and mineral substances.

9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Description	Properties	Description
Form	Solid	**Appearance**	Black slurry
Colour	Brown-black	**Odour**	Earthy odour
Decomposition Temperature	Not available	**Melting Point**	Not applicable
Boiling Point	Not applicable	**Solubility in Water**	Not readily soluble
Specific Gravity	Varies according to composition and moisture content.	**pH**	5-7
Vapour Pressure	Not applicable	**Vapour Density (Air=1)**	Not applicable
Evaporation Rate	Not available	**Odour Threshold**	Not available
Viscosity	Not available	**Partition Coefficient: n-octanol/water**	Not available
Flash Point	Not applicable	**Flammability**	Non combustible material.
Auto-Ignition Temperature	Not applicable	**Explosion Limit - Upper**	Not applicable
Explosion Limit - Lower	Not applicable		

10. STABILITY AND REACTIVITY

Reactivity
Reacts with incompatible materials.

Chemical Stability
Stable under normal conditions of storage and handling.

Conditions to Avoid
Extremes of temperature and direct sunlight.

Incompatible materials
Not available

Hazardous Decomposition Products
Thermal decomposition may result in the release of toxic and/or irritating fumes, smoke and gases.

Possibility of hazardous reactions
Not available

Hazardous Polymerization
Not available

11. TOXICOLOGICAL INFORMATION

Toxicology Information
No toxicity data available for this material.

Ingestion
Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Inhalation
Inhalation of dusts/vapors may irritate the respiratory system.

Skin
May be irritating to skin. The symptoms may include redness, itching and swelling.

Eye
May be irritating to eyes. The symptoms may include redness, itching and tearing.

Respiratory sensitisation
Not expected to be a respiratory sensitiser.

Skin Sensitisation
Not expected to be a skin sensitiser.

Germ cell mutagenicity
Not considered to be a mutagenic hazard.

Carcinogenicity
Not considered to be a carcinogenic hazard.
This product contains crystalline silica. No exposure to free respirable crystalline silica is anticipated during normal use of this product as silica is bound in the liquid/paste. It should be noted, however, that respirable crystalline silica has been listed as a Group 1 human carcinogen by the IARC. Inhalation of respirable silica may cause cancer, silicosis or other serious delayed lung injury. Grinding or machining of coated materials may release silica. Use approved dust respirator when grinding, sanding or machining the dried items.

Reproductive Toxicity
Not considered to be toxic to reproduction.

STOT-single exposure
Not expected to cause toxicity to a specific target organ.

STOT-repeated exposure
Not expected to cause toxicity to a specific target organ.

Aspiration Hazard
Not expected to be an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity
No ecological data are available for this material.

Persistence and degradability
Not available

Mobility
Not available

Bioaccumulative Potential
Not available

Other Adverse Effects
Not available

Environmental Protection
Prevent this material entering waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

Disposal considerations
The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

14. TRANSPORT INFORMATION

Transport Information
Road and Rail Transport (ADG Code):
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition).

Marine Transport (IMO/IMDG):
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport (ICAO/IATA):
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

U.N. Number
None Allocated

UN proper shipping name
None Allocated

Transport hazard class(es)
None Allocated

IMDG Marine pollutant
No

Transport in Bulk
Not available

Special Precautions for User
Not available

15. REGULATORY INFORMATION

Regulatory information
Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule
Not Scheduled

16. OTHER INFORMATION

Date of preparation or last revision of SDS
SDS Created: August 2020

References
Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
Standard for the Uniform Scheduling of Medicines and Poisons.
Australian Code for the Transport of Dangerous Goods by Road & Rail.
Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
Workplace exposure standards for airborne contaminants.
Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of Classification and Labelling of Chemicals.
Code of Practice: Managing Noise and Preventing Hearing Loss at Work.

END OF SDS