



Safety Data Sheet

according to WHS Regulations

Printing date 04.05.2018

Revision: 04.05.2018

1 Identification

Product Name: COMPOST AND SOIL CONDITIONER

Other Means of Identification:

Other Name: Compost or Soil Improver

Recommended Use of the Chemical and Restriction on Use: Agriculture and horticulture.

Details of Manufacturer or Importer:

Central Gippsland Regional Water Corporation - Trading as Gippsland Water
Hazelwood Road
Traralgon VIC 3844

Phone Number: 1800 066 401

Emergency telephone number: 1800 057 057

2 Hazard(s) Identification

Hazardous Nature:

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

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

The product is not classified according to the Globally Harmonised System (GHS).

Signal Word Void

Hazard Statements Void

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures

Description: No reportable hazardous substances or complex substances.

Hazardous Components: Void

Additional information:

This product is a rich humus material produced by composting organic waste. This product may contain fine particles and woody pieces.

4 First Aid Measures

Inhalation: If inhaled, remove to fresh air. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if symptoms occur.

Ingestion:

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms occur.

Symptoms Caused by Exposure:

Inhalation: Inhalation of dust and/or liquid mists (bioaerosols) may cause respiratory irritation.

Skin Contact: Skin contact with these products and their dusts and/or liquid mists (bioaerosols) may cause skin irritation and may lead to sensitisation, dermatitis or skin infection in sensitive individuals.

Eye Contact: The dust and/or liquid mist (bioaerosols) may be irritating to the eyes resulting in redness and watering. There is the potential for eye infections.

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Ingestion: Unlikely under normal conditions. Swallowing may cause abdominal discomfort and increase the risk of gastrointestinal infections.

5 Fire Fighting Measures

Suitable Extinguishing Media: Water fog, foam, dry chemical or carbon dioxide.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include oxides of carbon.

This product is not flammable, but may burn in a fire.

This product has the potential for self-heating leading to spontaneous self-combustion when stored in large stockpiles with internal temperatures ~75 °C.

Product close to fire should be removed only if safe to do so. Use water spray to cool fire exposed product.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear protective clothing, protective glasses or goggles, rubber or PVC gloves and a suitable dust mask.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so, and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage. Avoid generating dust. Consider vacuuming if required.

7 Handling and Storage

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of dust and/or liquid mist (bioaerosols).

Food, beverages and tobacco products should not be stored or consumed where this material is in use.

Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Protect from heat, sparks, open flames and other sources of ignition. Protect stockpiles from wind and other adverse weather conditions with a sheet/ tarpaulin secured to the ground. Avoid storage in large stockpiles, as this product has the potential for self-heating leading to spontaneous self-combustion when stored in stockpiles with internal temperatures ~75 °C.

8 Exposure Controls and Personal Protection

Exposure Standards: Rouge dust: TWA - 10mg/m³

Engineering Controls: Natural ventilation should be adequate under normal use conditions.

Respiratory Protection:

If there is a significant chance that dusts are likely to build up in the area where this product is being used, a suitable Class P1 dust mask is recommended. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

Protective gloves and protective clothing.

The exact type of occupational protective clothing depends on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing. See Australian/New Zealand Standard AS/NZS 4501 for more

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information.

Eye and Face Protection:

Eye and face protectors for protection against dust. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 Physical and Chemical Properties

Appearance:

Form:	A rich brown humus material/ with some fine particles and woody pieces.
Colour:	Dark brown
Odour:	Earthy odour
Odour Threshold:	No information available
pH-Value:	6 - 8
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	No information available
Flammability:	This product has the potential for self-heating leading to spontaneous self-combustion.
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Density:	
Relative Density:	0.6 - 0.8
Evaporation Rate:	Not applicable
Solubility in Water:	No information available
Partition Coefficient (n-octanol/water):	No information available

10 Stability and Reactivity

Possibility of Hazardous Reactions:

Hazardous polymerisation will not occur.

This product has the potential for self-heating leading to spontaneous self-combustion when stored in large quantities.

Chemical Stability: Stable at ambient temperature and under normal conditions of use.

Conditions to Avoid:

Heat, sparks, open flames and other sources of ignition. Avoid storage in large stockpiles.

Incompatible Materials: None known.

Hazardous Decomposition Products: Oxides of carbon.

11 Toxicological Information

Toxicity:

LD₅₀/LC₅₀ Values Relevant for Classification: No information available

Acute Health Effects

Inhalation: Inhalation of dust and/or liquid mists (bioaerosols) may cause respiratory irritation.

Skin:

Skin contact with these products and their dusts and/or liquid mists (bioaerosols) may cause skin irritation and may lead to sensitisation, dermatitis or skin infection in sensitive individuals.

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Eye:

The dust and/or liquid mist (bioaerosols) may be irritating to the eyes resulting in redness and watering. There is the potential for eye infections.

Ingestion:

Unlikely under normal conditions. Swallowing may cause abdominal discomfort and increase the risk of gastrointestinal infections.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.

Serious Eye Damage / Irritation: Based on classification principles, the classification criteria are not met.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity: This product does NOT contain any IARC listed chemicals.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects:

Repeated inhalation of dust and/or liquid mist (bioaerosols) from these products may result in respiratory irritation, inflammation or sensitisation resulting in illness ranging from hayfever and asthma to pneumonia (eg Legionnaire's disease) and pneumonia-like illness. All people working with these and other landscaping and horticultural products should ensure that they are adequately protected against tetanus.

Existing Conditions Aggravated by Exposure:

Inhalation may aggravate pre-existing conditions such as asthma and bronchitis. Elderly and immuno-compromised people are at particular risk.

Additional toxicological information: No information available

12 Ecological Information

Ecotoxicity: No further relevant information available.

Aquatic toxicity: No further relevant information available.

Persistence and Degradability: No further relevant information available.

Bioaccumulative Potential: No further relevant information available.

Mobility in Soil: No further relevant information available.

Other adverse effects: No further relevant information available.

13 Disposal Considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.

Special Precautions for Landfill or Incineration:

Please consult your state Land Waste Management Authority for more information.

14 Transport Information

UN Number

Not regulated

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Proper Shipping Name Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated

15 Regulatory Information

Australian Inventory of Chemical Substances: This product contains no hazardous ingredients.**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**
Not Scheduled.

16 Other Information

Date of Preparation or Last Revision: 04.05.2018**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC₅₀: Lethal concentration, 50 percentLD₅₀: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016"

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