

Safety Data Sheet

according to WHS Regulations

Print date: 16.05.2023

Revision date: 16.05.2023

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 050 500**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 None**Hazard Statements** None

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures**Description:** No reportable hazardous substances or complex substances.**Hazardous Components:** None**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 irritation or rash 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 irritation persists.

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 feeling unwell.

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:

Nuisance dust

WES	TWA: 10 mg/m ³
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Engineering Controls: Natural ventilation should be adequate under normal use conditions.

Respiratory Protection:

Where an inhalation risk exists, wear approved particulate respirator (filter type P). At high dust levels, wear a powered air purifying respirator (PAPR) with P3 filter or an air-line respirator or a full-face P3 (particulate) respirator. 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 (solid, gas): 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

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:

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 storage and 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: 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.

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.

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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:

Based on classification principles, the classification criteria are not met.
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 individuals are at particular risk.

12 Ecological Information

Ecotoxicity:**Aquatic toxicity:**

No adverse ecological effects are expected. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

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

Proper Shipping Name Not regulated

Dangerous Goods Class Not regulated

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Packing Group: Not regulated

15 Regulatory Information

Australian Inventory of Industrial Chemicals: This product contains no hazardous ingredients.**Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:**
Not a scheduled poison.

16 Other Information

Date of Preparation or Last Revision: 16.05.2023**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 percent

LD50: 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 - July 2020".

The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Central Gippsland Regional Water Corporation makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.