

MATERIAL SAFETY DATA SHEET



WCT COMPOST

SUPPLIER

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The dust and mists (bio aerosols) from this product are hazardous according to the criteria of WorkSafe Australia

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IMPORTANT NOTICE: This Material Safety Data Sheet (MSDS) is issued by Western Composting Technology Pty Ltd in accordance with WorkSafe Australia guidelines. As such, the information contained herein must not be altered, deleted or added to. Western Composting Technology Pty Ltd will issue a new MSDS when there is a change in product specifications and/or WorkSafe Australia guidelines/regulations. Western Composting Technology Pty Ltd will not accept any responsibility for any changes made to its MSDS in content by any other person or organisation.

IDENTIFICATION

PRODUCT NAME: WCT16, WCT40.
UN NUMBER: None allocated
HAZCHEM CODE: None allocated
DANGEROUS GOODS CLASS: None allocated
POISONS SCHEDULE: None allocated
USE: A soil conditioner used for landscaping and other general horticultural purposes.

PHYSICAL DATA

APPEARANCE: Brown blend of natural organic and mineral substances
BOILING POINT: Not applicable
FLASH POINT: Not applicable
VAPOUR PRESSURE: Not applicable
MELTING POINT: Not applicable
ODOUR: Non specific earthy odour
SPECIFIC GRAVITY (WATER -1): Varies according to composition and moisture content
MOLECULAR WEIGHT: Not applicable
PHYSICAL STATE: Friable solid
SOLUBILITY IN WATER: Not soluble

COMPOSITION

WCT Compost is made by blending naturally occurring materials including: residues from food organics and green organics (FOGO). The materials contain a variety of living microorganisms, including bacteria, fungi and protozoa.

HEALTH HAZARD INFORMATION

Acute health effects

- Swallowed:** Unlikely under normal conditions. Swallowing compost may cause abdominal discomfort and increase the risk of gastro-intestinal infections.
- Eye:** The dust and/or liquid mist (bio aerosols) may be irritating to the eyes resulting in redness and watering or eye infection.
- Skin:** Skin contact with this product and its dust and/or liquid mist (bio aerosols) may result in skin irritation and in some people may lead to skin sensitisation, dermatitis or skin infection.
- Inhaled:** Inhalation of dust and/or liquid mist (bio aerosols) may irritate, inflame or sensitise the nose, throat and lungs and aggravate pre-existing conditions such as asthma and bronchitis.

Chronic health effects:

Repeated inhalation of dust and/or liquid mist (bio aerosols) from these products may result in respiratory irritation, inflammation or sensitisation resulting in illnesses ranging from hayfever and asthma to pneumonia (e.g. Legionnaires disease) and pneumonia-like illnesses. The elderly, those with pre-existing respiratory diseases and the immunocompromised are at particular risk from these illnesses. All people working with these and other landscaping and horticultural products should ensure that they are adequately protected from tetanus.

First Aid:

- Swallowed:** Give water to drink. Seek medical attention if any abdominal symptoms.
- Eye:** Flush eyes thoroughly for ten minutes with plenty of water. If irritation exists seek medical attention.
- Skin:** Wash thoroughly with mild soap and water.
- Inhalation:** Remove to fresh air.
- Advice to Doctor:** Treat symptomatically.

PRECAUTIONS FOR USE

Exposure standards:

WorkSafe Australia Exposure Standard:

There is no specific standard for composts and potting mixes.

The Western Composting Technology Pty Ltd recommendation:

Keep exposure to dust and/or liquid mist (bio aerosols) from these products as low as practicable.

Engineering Controls:

All work with this product should be carried out in such a way as to avoid skin contact and minimise exposure to dust and/or liquid mist (bio aerosols).

Respiratory Protection:

Avoid breathing dust and/or liquid mist (bio aerosols). Wear an approved respirator suitable for respirable particulates and conforming with AS/NZS 1715 and 1716 when exposed to dust and/or liquid mist (bio aerosols). These Standards should be followed in the selection, fit testing, use, storage and maintenance of the respirators.

Personal Protection:

Wear standard duty gloves (AS 2161), loose comfortable clothing and boots. Long sleeved shirts and long trousers are recommended if skin irritation occurs. Wash skin with mild soap and water immediately after working with these materials. Launder work clothes regularly.

Eye Protection:

Non-fogging dust resistant goggles or safety glasses (AS/NZS 1336) should be worn if there is risk of dust and/or liquid mist (bio aerosols) getting into the eyes.

Flammability:

Not flammable.

SAFE HANDLING INFORMATION

Storage and Transport:

No special transport requirements are necessary.
Store composts, potting mixes and other organic gardening materials in a cool dry area.

Spills and Disposal:

Waste material can be disposed of as trade waste in accordance with local authority guidelines.

Fire/Explosion Hazard:

Not applicable.

Smoking:

Western Composting Technology Pty Ltd recommends that all working areas should be non-smoking areas.