

# SAFETY DATA SHEET



## NON- Hazardous Substance, NON-Dangerous Goods

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product (Material) Name:</b>	Verasoil Pure Worm Castings
<b>Other Names:</b>	Worm castings, vermi-compost, vermi-cast organic compost,
<b>Recommended Use:</b>	Soil conditioner fertiliser and soil ameliorant
<b>Supplier Name:</b>	Worm Tech Pty Ltd
<b>Supplier ABN:</b>	721 43 326 327
<b>Supplier Address:</b>	803 Wood Rd Yenda NSW 2681
<b>Supplier Tel:</b>	02 6968 1921
<b>Supplier Email:</b>	info@verasoil.com.au
<b>Supplier Emergency Tel (24 Hours):</b>	0459 056 673
<b>Emergency Services Tel (24 Hours):</b>	000

### 2. HAZARDS IDENTIFICATION

<b>Hazard Classification:</b>	NON- Hazardous Substance, NON-Dangerous Goods
<b>UN No:</b>	None Allocated
<b>Hazchem:</b>	None Allocated
<b>ADG Classification:</b>	None Allocated, not a dangerous good
<b>Class:</b>	None Allocated
<b>Poisons Schedule:</b>	None Allocated

Based on available information, this material is not classified as hazardous according to criteria of Safe Work Australia

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

<b>Chemical Identity of the Pure Substance:</b>	Not Applicable
<b>Ingredients:</b>	100% Natural occurring organic matter from worms
<b>Appearance:</b>	Brown, loose earthy powder
<b>Odour:</b>	Earthy
<b>Solubility:</b>	Low solubility in water
<b>Flashpoint:</b>	Not Flammable

### 4. FIRST AID MEASURES

If poisoning occurs, contact doctor or Poisons Information Centre (phone Australia 131 126 New Zealand 0800 764 766)

#### Description of Necessary First Aid Measures

<b>Ingestion:</b>	The patient should be given water to drink, and medical attention should be sought if any abdominal symptoms occur. Vomiting should not be induced, but if vomiting occurs, the patient should be leant forward or placed on their left-hand side to maintain an open airway.
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- Eye:** Eyes should be immediately and thoroughly flushed with lukewarm water for as long as necessary to alleviate the problem (or for at least 15 minutes). Removal of contact lenses after an eye injury should only be conducted skilled personnel. Professional medical assistance should be sought if symptoms persist.
- Skin:** If skin or hair contact occurs, remove contaminated clothing and rinse down with running lukewarm water.  
If swelling, redness, blistering or irritation occurs seek medical assistance.
- Inhalation:** If an irritation occurs, the affected parties should be moved (or move themselves) away from the product or its dusts into a source of fresh air. The patient should be laid down, kept warm and be rested. Prostheses such as false teeth, which may block the airways, should be removed where possible prior to initiating first aid procedures. Professional medical attention should be sought if symptoms persist.

## Specific Medical Attention and Treatment

There are no special treatments for compost. Conditions should be treated symptomatically.

### 5. Fire Fighting

- Hazchem:** None Allocated
- Suitable extinguishing media:** Water or Class A extinguishers.
- Specific hazards:** This mixture is not combustible under normal conditions
- Precautions for fire fighters:** On burning may emit toxic and/or irritating fumes. Fire fighters should wear full protective clothing and self-contained breathing apparatus operated.

### 6. ACCIDENTAL RELEASE MEASURES

#### Small Spills

Wear protective equipment to prevent skin and eye contamination. Wipe up with absorbent cloth or paper towel.

#### Large Spills

Wear protective equipment to prevent skin and eye contamination and the irritation of dust. Work up wind or increase ventilation. Sweep, shovel or vacuum up, but avoid generating dust. Collect and contain properly in labelled containers or drums for disposal. If contamination of crops or waterways has occurred advise New South Wales EPA on 02 6969 0700 (non-emergency) or 131 555 (emergency).

**Dangerous good – Initial emergency response guide No:** Not applicable

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7. Handling and Storage	
Handling:	Avoid skin and eye contact
Storage:	Store in a dry, cool, well ventilated place out of direct sun. store away from food supplies. Keep in closed containers when not in use and check for spills.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Exposure Standards:</b>	No specific exposure standards have been allocated for compost and soil products. However due to the dust in the product, concentrations for monitoring exposure are provided by several standards as listed below: Total Inhalable Dust 10mg/m <sup>3</sup> (National Occupational Health & Safety Commission, 2004). Total Respirable Dust 2mg/m <sup>3</sup> (American Conference of Governmental Occupational Hygienists, 1986).
<b>Biological Limit Values:</b>	No Biological Limit Allocated.
<b>Engineering measures:</b>	Avoid generating and inhaling dusts. Use in well ventilated area. Ensure air concentrations are below quoted Exposure Standards. Keep containers closed when not in use.
<b>Personal Protection equipment:</b>	gloves, full length overalls, boots, safety glasses. If dust exists, wear dust respirator meeting the requirements of AS/NZS 1715/6.
<b>Hygiene measures:</b>	Always carry out good personal hygiene and ensure to wash hands after use and before eating, drinking or smoking or using the toilet

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	A dark brown humus and soil material/ with some fine particles
<b>Odour:</b>	Neutral or earthy odour
<b>pH:</b>	6 to 7.5 in water
<b>Vapour Pressure:</b>	Not Relevant
<b>Vapour Density:</b>	Not Relevant
<b>Boiling Point/ Range:</b>	Not Relevant
<b>Freezing/ Melting Point:</b>	Not Relevant
<b>Solubility:</b>	Not Soluble
<b>Specific Gravity or Density:</b>	Approx. 0.9 t/m <sup>3</sup> .
<b>Flashpoint:</b>	Not Relevant.
<b>Information for Flammable Materials:</b>	Not Flammable.

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable
<b>Conditions to Avoid:</b>	None
<b>Incompatible Materials:</b>	None
<b>Hazardous Decomposition Products:</b>	None
<b>Hazardous Reactions:</b>	None

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and product label. Symptoms or effects that may arise if the product is mishandled and over exposure occurs are.

### Acute Health Effects Ingestion:

**Ingestion:** Swallowing may cause abdominal discomfort, vomiting and potentially increase the risk of gastrointestinal infections.

**Eye:** may be an eye irritation

**Skin:** Repeated and prolonged skin contact may lead to irritation

**Inhalation:** May have an irritant to mucous membranes and respiratory tract.

**Chronic Health Effects** The repeated inhalation of dust from these products may lead to respiratory irritation, inflammation or sensitisation and illnesses such as asthma, bronchitis, pneumonia or other pneumonia-like illnesses (e.g. Legionnaires disease). Children, pregnant women, the elderly, people with pre-existing conditions or the immuno-compromised, may be at a particular risk from these illnesses if exposed to this product. It is not recommended to repeatedly swallow this material or repeatedly allow it to come into contact with the eyes. All people who come into contact with this product should safeguard themselves from tetanus.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	No Information available. Not expected to be a contaminant
<b>Persistence and degradability</b>	No information available
<b>Bioaccumulation:</b>	No information is available to complete an assessment
<b>Acute aquatic hazard:</b>	No information is available to complete an assessment
<b>Long term aquatic hazard</b>	No information is available to complete an assessment
<b>Mobility:</b>	Only mobile in significant water and wind

## 13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that the appropriate personal protective equipment is used, see Section 8 "Exposure controls and personal protection" of the SDS.

If possible, material and its container should be recycled. If material cannot be recycled, dispose in accordance with local and regional regulations.

## 14. Transport Information

### Road and rail Transport

Not defined as dangerous goods according to the "Australian Code for the Transport of Dangerous Goods by road or rail" and the New Zealand NZS5433: "Transport of Dangerous Goods on Land".

### Marine Transport

Not defined as dangerous goods according to the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

### Air Transport

Not defined as dangerous goods according to the International Air Transport Association (IATA) dangerous Goods Regulations for transport by air.

## 15. Regulatory Information Not Relevant

For clarification or further information please contact the Supplier Directly.

This SDS summarises to the best of our knowledge the health and safety hazards of the product and how to safely handle and use the product. Please review your workplace risk assessment criteria in the context of how the product will be handled and used in the workplace.

Our responsibility for the product is subject to our standard terms and conditions of sale.

Date of preparation or last revision of SDS: April 2021

End of SDS SAFETY DATA SHEET