

1. IDENTIFICATION

Product Name	TERRUS
Recommended Use	Organic fertiliser and soil conditioner
Supplier	Grassdale Fertilisers Pty Ltd, 91 Mort Street, Toowoomba QLD 4350 Australia
Email	office@grassdalefert.com.au
Telephone	+61 7 4639 6049

2. HAZARD IDENTIFICATION

UN No	None allocated
Hazchem	None allocated
ADG Classification	None allocated, not a Dangerous Good
Class	None allocated
Poisons Schedule	None allocated

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

This product is made from organic materials and contains living microorganisms, including bacteria, fungi and protozoa. May also contain mineral and fertiliser additives.

Inhalation of dust and/or liquid mists may irritate, inflame or sensitise the nose, throat and lungs resulting in illnesses ranging from hayfever or asthma, to pneumonia (e.g. Legionnaire's disease) or pneumonia-like illnesses. Direct contact with this material or its dust and/or liquid mists (bioaerosols) may cause skin irritation (dermatitis), and skin or eye infection or irritation. People particularly at risk are those suffering from asthma or allergies, and those whose immune defence systems are compromised.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Granulated, composted cow manure. The ingredients are determined not to be hazardous according to Worksafe criteria.

Uses	Organic fertiliser and soil conditioner.
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PHYSICAL DESCRIPTION/PROPERTIES

Appearance	A dark brown spherical granule, screened to between 2mm and 5mm.
Odour	Mild cow manure
Solubility	Partly soluble in water
Flashpoint	Not flammable

4. FIRST AID MEASURES

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

Inhalation	Remove from exposure. Seek medical advice if effects persist.
Skin Contact	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye contact	If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.
Ingestion	Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. If vomiting occurs give further water. Seek medical advice.
Notes to physician	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Hazchem Code	Not applicable.
Fire and Explosion Hazards	Combustible material. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Avoid extreme heat. On heating some materials may emit toxic fumes.
Suitable Extinguishing Media	If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

6. ACCIDENTAL RELEASE MEASURE

Small spills	Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.
Large spills	Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of dust. Work up wind or increase ventilation. Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal.
Dangerous Goods - Initial Emergency Response Guide No	Not applicable

7. HANDLING AND STORAGE

Handling	Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of dust.
Storage	Store in a dry, cool and well-ventilated area out of direct sunlight. Containers should be kept closed.
	Keep out of reach of children and animals.
	Keep away from extreme heat and open flames.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National occupational exposure limits	No value assigned for this specific material by Safe Work Australia.
Biological Limit Values	As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a biological limit allocated.
National occupational exposure limits	Natural ventilation should be adequate under normal use conditions.
Personal Protection Equipment	Gloves. Wear gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures

Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of dust. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	A dark brown spherical granule, screened to between 2mm and 5mm.
Odour	Mild cow manure
Solubility	Slightly soluble
Specific Gravity	0.8 kg/l
Vapour Density	Not available
Vapour Pressure (20°C)	Not available
Flash Point (°C)	Not applicable
Melting Point/Range (°C)	Not available
Decomposition Point (°C)	Not available
Auto ignition Temp (°C)	Not applicable

10. STABILITY AND REACTIVITY

Chemical stability	This material is thermally stable when stored and used as directed.
Conditions to avoid	Elevated temperatures and sources of ignition.
Incompatible materials	Oxidising agents.
Hazardous decomposition products	Oxides of carbon and nitrogen, smoke and other toxic fumes.
Hazardous reactions	No known hazardous reactions.

11. TOXICOLOGICAL INFORMATION

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

ACUTE EFFECTS

Inhalation	Material may be an irritant to mucous membranes and respiratory tract.
Skin contact	Contact with skin may result in irritation.
Ingestion	Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.
Eye contact	May be an eye irritant. Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.

ACUTE TOXICITY

Inhalation	This material has been classified as non-hazardous.
Skin contact	This material has been classified as non-hazardous.
Ingestion	This material has been classified as non-hazardous.

Corrosion/Irritancy	Eye: This material has been classified as not corrosive. Skin: This material has been classified as not corrosive.
Sensitisation	Inhalation: This material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.
Aspiration hazard	This material has been classified as non-hazardous.
Specific target organ toxicity (single exposure)	This material has been classified as non-hazardous.

CHRONIC TOXICITY

Mutagenicity	This material has been classified as non-hazardous.
Carcinogenicity	This material has been classified as non-hazardous.
Reproductive toxicity (including via lactation)	This material has been classified as non-hazardous.
Specific target organ toxicity (repeat exposure)	This material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard	This material has been classified as non-hazardous.
Ecotoxicity	No information available.
Persistence and degradability	No information available.
Bioaccumulative potential	No information available.
Mobility	No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see **Section 8. Exposure Controls and Personal Protection** of this SDS.

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

14. TRANSPORT INFORMATION

Road and rail transport	Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433 Transport of Dangerous Goods on Land".
Marine transport	Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

For clarification or further information please contact the supplier directly.

The 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 on 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.