Safety Data Sheet

Revision Date: 29/10/2026
Revision #: 1.0
Issue Date:29/10/2026

Overall Classification:
Non-Hazardous Substance
Non-Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Organic Loam

Other Means of Identification: N/A
Other Name:

Identified use: Establishment and top up of new and existing garden beds, lawn and turf/oval plantings. Rehabilitation, horticulture, agriculture and landscape purposes.

Supplier: Peats Group Ltd
ABN: 37 616 868 494
Street Address: 22 Flour Mill Road
Whites Valley SA 5172
Telephone: +61 8 8556 5295
Email: admin@peatssoil.com.au

Emergency telephone number: +61 8 8556 5295
Other Emergency Number: 000

2. HAZARDS IDENTIFICATION

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

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.

Poison Schedule:

DANGEROUS GOOD CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the “Australian Code for the Transport of Dangerous Goods by Road & Rail”

3. COMPOSITION INFORMATION

Product Name/Description	*CAS No.*	*Composition (%)*
Organic Loam, consisting of a screened mixture of 60% Soil (sand, silt, clay) and 40% Peats Organic AS4454 Compost	Not Available	100%

Additional Information:

This product is made from organic materials and green waste, and may contain living microorganisms, including bacteria, fungi and protozoa. No reportable hazardous or complex substances.

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126)

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. 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 contact with eyes wash out immediately with water. In all cases of eye contamination, it is advised to seek medical advice.

Ingestion: If swallowed, do NOT induce vomiting, rinse mouth with water. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. Seek medical advice if symptoms worsen or persist.

Notes to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Hazchem Code: Not applicable.

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).

Specific hazards: Non-combustible material.

Firefighting further advice: Not combustible, however following evaporation of aqueous component residual material can burn if ignited. This product has the potential for self-heating leading to spontaneous self-combustion when stored in large stockpiles with internal temperatures ~75 °C.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

- Wear personal protective equipment to prevent skin and eye contamination
- Use gloves.
- Use face/dust mask to avoid inhalation of vapors or dust.
- Wipe up with absorbent (clean rag or paper towels) if safe to do so.
- Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

- Clear area of all unprotected personnel.
- If safe to do so, clean up spill immediately. CAUTION: product can be slippery when wet.
- Wear protective equipment to prevent skin and eye contamination and the inhalation of dust.
- Work up wind or increase ventilation.
- Cover with damp absorbent (inert material, sand or soil).
- Sweep or vacuum up but avoid generating dust.
- Collect and seal in properly labelled containers or drums for disposal.
- If contamination of crops, sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: Not applicable

7. HANDLING AND STORAGE

Safe Handling Precautions:

- Avoid eye contact and repeated or prolonged skin contact.
- Avoid inhalation of dust.
- See Section 8 for Personal Protection Equipment details

Storage:

- Store in a cool, dry, well-ventilated place and out of direct sunlight.
- Store away from foodstuffs.
- Store away from incompatible materials described in Section 10.
- Store away from sources of heat and/or ignition.
- Keep container standing upright.
- Keep containers closed when not in use - check regularly for spills.
- Avoid storage in stockpiles – potential for self-heating leading to spontaneous self-combustion when temperatures > 75°C

8. EXPOSURE CONTROLS / 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: SAFETY SHOES, OVERALLS, GLOVES, SAFETY GLASSES, DUST MASK.

- Wear safety shoes, overalls, gloves, safety glasses, dust mask.
- Available information suggests that gloves made from natural 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.
- See Australian/New Zealand Standard AS/NZS 4501, AS/NZS 1337, AS/NZS 1715 and 1716 for more information

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

Form:	A woody, vegetative, loam material
Colour:	Brown
Odour:	Organic / Earthy / Woody

Solubility:	Not soluble
Specific Gravity (20 °C):	Not Available
Density:	0.3 - 0.5 kg/m^3
Relative Vapour Density (air=1):	Not Available
Vapour Pressure (20 °C):	Not Available
Flash Point (°C):	Not Available

Flammability Limits (%):	Not Available
Autoignition Temperature (°C):	Not Available
Melting Point/Range (°C):	Not Available
Boiling Point/Range (°C):	Not Available
pH:	4.5 – 7.5 in water
Viscosity:	Not Applicable
Total VOC (g/Litre):	Not Available

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: None

Hazardous decomposition products: None.

Hazardous reactions: No known hazardous reactions.

11. TOXICOLOGICAL INFORMATION

No adverse health effects are 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 cause respiratory irritation. 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 (eg Legionnaire's disease) or pneumonia-like illnesses.
- **Skin contact:** Contact with skin may result in irritation, leading to sensitisation. 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.
- **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 and infection.

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 or irritating to eyes. Skin: this material has been classified as not corrosive or irritating to skin.
- **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:** 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.

Long-term aquatic hazard: This material has been classified as non-hazardous.

- **Ecotoxicity:** May cause long term adverse effects in the aquatic environment.
- **Persistence and degradability:** Not harmfully persistent, no harmful degradation.
- **Bioaccumulative potential:** No information available.
- **Mobility:** Only mobile in significant water and wind.

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”. Loads to be covered by tarpaulin when transporting.

MARINE TRANSPORT
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

HSNO Group Standard: Not Allocated

Australian Inventory of Chemical Substances: This product contains no hazardous ingredients.

16. OTHER INFORMATION

Current Revision: 1.0

Prepared By: Peats Group Ltd.

Revision Summary:

Revision	Date	Change
1.0	29/10/2026	Update to format and layout

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This SDS summarises, at the date of issue, our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace.

Abbreviations and acronyms:
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
CAS: Chemical Abstracts Service (division of the American Chemical Society)
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)
HSNO: Hazardous Substances and New Organisms group standard for conditions around managing risks associated with the manufacture, importation, use and disposal of hazardous substances.