

Material Safety Data Sheet

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Issue date: 15th November 2008

Not classified as Hazardous according to criteria of Worksafe Australia

LPT

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

EnviroPro Alternatives Pty. Ltd.
137 Lake Russell Drive,
Avocado Heights via Woolgoolga
NSW 2456
Tel: (02) 6656 1140
Fax: (02) 6656 1087

Product Name: LPT (Liquid-Portable Toilet)

Manufacturer's Product Code(s): W001LP

Use: LPT improves wastewater treatment efficiency and eliminates odours.

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Subsidiary risk: None allocated

Packing Group: None allocated

Hazchem Code: None allocated

2. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
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All ingredients determined not to be hazardous according to the criteria of Worksafe Australia.

3. HAZARD IDENTIFICATION

Not Classified as hazardous according to the criteria of Worksafe Australia

Hazard Category: None allocated.

ACUTE HEALTH EFFECTS

Swallowed:

May cause irritation to mouth, throat and stomach.

Eye:

May cause irritation to the eyes, with effects including: tearing and blurred vision. These effects are regarded to be of a transient (temporary) nature and no long term injury is anticipated.

Skin:

May cause irritation to the skin. The product is not anticipated to be absorbed through the skin.

Inhaled:

May cause irritation to the nose, throat and respiratory system.

Chronic:

Prolonged or repeated skin contact with this product may lead dermatitis.

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4. FIRST AID MEASURES

Swallowed:

If swallowed, DO NOT induce vomiting. If victim is conscious give water. If sickness persists transport to hospital or doctor.

Eye:

If material is splashed into eyes, immediately, flush with plenty of water for 15 minutes, ensuring eye lids are held open. If irritation persists transport to hospital or doctor.

Skin:

If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap if available.

If irritation persists transport to hospital or doctor.

Inhaled:

Move victim to fresh air. Apply resuscitation if victim is not breathing - If trained personnel available administer oxygen if breathing is difficult.

First Aid Facilities:

Eye wash fountain, safety shower and normal wash room facilities.

Advice to Doctor:

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard

If safe to do so, move undamaged containers from fire area.

Hazardous Decomposition Products: Decomposes on heating emitting oxides of magnesium and manganese.

Fire Fighting Procedures: Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

Extinguishing Media: Use extinguishing media suitable for surrounding fire situation.

Flammability

This material is not a flammable or combustible liquid.

6. ACCIDENTAL RELEASE MEASURES

Material may be slippery when spilt. Walk cautiously. Ventilate area. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS. Bund area using sand or soil - to prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal in properly labeled containers for disposal. Remainder of material can be washed to drain with plenty of water.

7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition. Store away from oxidizing agents. Keep containers closed, when not using the product. Store in original packages as approved by manufacturer.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

No exposure standards have been adopted for this product.

Engineering Controls

Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended.

Personal Protection Equipment

CLOTHING: PVC or natural rubber.

GLOVES: PVC, natural rubber or neoprene.

EYES: Chemical goggles or faceshield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of vapours/gases. Select and use respirators in accordance with AS/NZS 1715/1716. The use of a P1 dust mask (disposable) or with replaceable filters is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark blue liquid with Bubble Gum or Cherry Fragrance
Boiling Point:	Not available.
Vapour Pressure:	Not available.
Specific Gravity:	1.1
Flash Point:	Not applicable.
Flammability Limits:	Not available.
Solubility in Water:	Completely soluble.

Other Properties

pH: 6.5

Percent Volatile: 0 %

Evaporation rate: None.

10. STABILITY AND REACTIVITY

STABILITY:

Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS:

Decomposes on heating emitting oxides of magnesium and manganese.

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITIES:

Strong alkalis, acids, oxidizing agents.

CONDITIONS TO AVOID:

Heat, flames, ignition sources and incompatibles.

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11. TOXICOLOGICAL INFORMATION

No toxicological information is available for this product, however, the

LD50(Oral) (Rat) : > 2000 mg/kg

RISK PHRASES

None allocated.

SAFETY PHRASES

None allocated.

12. ECOLOGICAL INFORMATION

This product has a low biological oxygen demand and it is expected to cause little or no oxygen depletion in aquatic systems. It is not expected to have any adverse effect on aquatic organisms, secondary wastewater treatment organisms and the germination of seeds and the growth of plants. If diluted with a large amount of water (750 L (200gal) / 3.75 L (1 gal) of product), this product released directly or indirectly into the environment is not expected to have any significant detrimental impact.

13. DISPOSAL CONSIDERATIONS

Dispose of container and unused contents in accordance with federal, state and local requirements.

14. TRANSPORT INFORMATION

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Subsidiary risk: None allocated

Packing Group: None allocated

Hazchem Code: None allocated

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) 6th Edition. Not classified as a Dangerous Good according to the UN, DOT(US), IACO(IATA) or IMO(IMDG).

15. REGULATORY INFORMATION

Poison Schedule: None allocated

16. OTHER INFORMATION

Contact Point

TECHNICAL MANAGER:

Tel: (02) 6656 1140

Disclaimer

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of Worksafe. No warranty, expressed or implied, is made and supplier will not be liable for losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information of ingredients in this or any other material, we recommend contact with EnviroPro Australia Pty. Ltd.