



## Portable Toilet Treatment

### EnviroPro Alternatives

Chemwatch: 85-9011  
Version No: 2.1.1.1  
Safety Data Sheet according to WHS and ADG requirements

Chemwatch Hazard Alert Code: 1

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S.GHS.AUS.EN

## SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

### Product Identifier

|                               |                           |
|-------------------------------|---------------------------|
| Product name                  | Portable Toilet Treatment |
| Synonyms                      | PTT                       |
| Other means of identification | Not Available             |

### Relevant identified uses of the substance or mixture and uses advised against

|                          |   |
|--------------------------|---|
| Relevant identified uses | Use according to manufacturer's directions. |
|--------------------------|---|

### Details of the supplier of the safety data sheet

|                         |  |
|-------------------------|--|
| Registered company name | EnviroPro Alternatives Pty Ltd                           |
| Address                 | 137 Lake Russell Drive, Emerald Beach NSW 2456 Australia |
| Telephone               | +61 2 6656 1140  |
| Fax                     | Not Available  |
| Website                 | www.enviropro.com.au                                     |
| Email                   | info@enviropro.com.au                                    |

### Emergency telephone number

|                                   |                                  |
|-----------------------------------|----------------------------------|
| Association / Organisation        | Not Available                    |
| Emergency telephone numbers       | 1800707076 (Greg Vaughan, 24Hrs) |
| Other emergency telephone numbers | Not Available                    |

## SECTION 2 HAZARDS IDENTIFICATION

### Classification of the substance or mixture

**NON-HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the WHS Regulations and the ADG Code.**

|                  |                |
|------------------|----------------|
| Poisons Schedule | Not Applicable |
| Classification   | Not Applicable |

### Label elements

|                     |                       |
|---------------------|-----------------------|
| Hazard pictogram(s) | Not Applicable        |
| SIGNAL WORD         | <b>NOT APPLICABLE</b> |

### Hazard statement(s)

Not Applicable

### Precautionary statement(s) Prevention

Not Applicable

### Precautionary statement(s) Response

Not Applicable

### Precautionary statement(s) Storage

Not Applicable

### Precautionary statement(s) Disposal

Not Applicable

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

### Substances

See section below for composition of Mixtures

## Mixtures

| CAS No        | %[weight] | Name                                       |
|---------------|-----------|--|
| Not Available | 100       | Ingredients determined not to be hazardous |

## SECTION 4 FIRST AID MEASURES

### Description of first aid measures

|              |  |
|--------------|--|
| Eye Contact  | If this product comes in contact with the eyes:<br>Wash out immediately with fresh running water.<br>Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.<br>Seek medical attention without delay; if pain persists or recurs seek medical attention.<br>Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.                                |
| Skin Contact | If skin contact occurs:<br>Immediately remove all contaminated clothing, including footwear.<br>Flush skin and hair with running water (and soap if available).<br>Seek medical attention in event of irritation.  |
| Inhalation   | If fumes, aerosols or combustion products are inhaled remove from contaminated area.<br>Other measures are usually unnecessary.  |
| Ingestion    | <b>If swallowed do NOT induce vomiting.</b><br>If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.<br>Observe the patient carefully.<br>Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.<br>Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.<br>Seek medical advice. |

### Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5 FIREFIGHTING MEASURES

### Extinguishing media

There is no restriction on the type of extinguisher which may be used.  
Use extinguishing media suitable for surrounding area.

### Special hazards arising from the substrate or mixture

|                      |             |
|----------------------|-------------|
| Fire Incompatibility | None known. |
|----------------------|-------------|

### Advice for firefighters

|                       |   |
|-----------------------|---|
| Fire Fighting         | Alert Fire Brigade and tell them location and nature of hazard.<br>Wear breathing apparatus plus protective gloves in the event of a fire.<br>Prevent, by any means available, spillage from entering drains or water courses.<br>Use fire fighting procedures suitable for surrounding area.<br><b>DO NOT</b> approach containers suspected to be hot.<br>Cool fire exposed containers with water spray from a protected location.<br>If safe to do so, remove containers from path of fire. |
| Fire/Explosion Hazard | Non combustible.<br>Not considered a significant fire risk, however containers may burn.<br>May emit poisonous fumes.<br>May emit corrosive fumes.  |
| HAZCHEM               | Not Applicable  |

## SECTION 6 ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

See section 8

### Environmental precautions

See section 12

### Methods and material for containment and cleaning up

|              |   |
|--------------|---|
| Minor Spills | Clean up all spills immediately.<br>Avoid breathing vapours and contact with skin and eyes.<br>Control personal contact with the substance, by using protective equipment.<br>Contain and absorb spill with sand, earth, inert material or vermiculite.<br>Wipe up.<br>Place in a suitable, labelled container for waste disposal.                      |
| Major Spills | Moderate hazard.<br>Clear area of personnel and move upwind.<br>Alert Fire Brigade and tell them location and nature of hazard.<br>Wear breathing apparatus plus protective gloves.<br>Prevent, by any means available, spillage from entering drains or water course.<br>Stop leak if safe to do so.<br>Contain spill with sand, earth or vermiculite. |

Personal Protective Equipment advice is contained in Section 8 of the SDS.

## SECTION 7 HANDLING AND STORAGE

### Precautions for safe handling

|                          |  |
|--------------------------|--|
| <b>Safe handling</b>     | <p><b>DO NOT allow clothing wet with material to stay in contact with skin</b><br/> Avoid all personal contact, including inhalation.<br/> Wear protective clothing when risk of exposure occurs.<br/> Use in a well-ventilated area.<br/> Prevent concentration in hollows and sumps.<br/> <b>DO NOT enter confined spaces until atmosphere has been checked.</b><br/> <b>DO NOT allow material to contact humans, exposed food or food utensils.</b><br/> Avoid contact with incompatible materials.</p> |
| <b>Other information</b> | <p>Store in original containers.<br/> Keep containers securely sealed.<br/> Store in a cool, dry, well-ventilated area.<br/> Store away from incompatible materials and foodstuff containers.<br/> Protect containers against physical damage and check regularly for leaks.<br/> Observe manufacturer's storage and handling recommendations contained within this SDS.</p>   |

**Conditions for safe storage, including any incompatibilities**

|                                |  |
|--------------------------------|--|
| <b>Suitable container</b>      | <p>Polyethylene or polypropylene container.<br/> Packing as recommended by manufacturer.<br/> Check all containers are clearly labelled and free from leaks.</p> |
| <b>Storage incompatibility</b> | None known   |

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Control parameters**

**OCCUPATIONAL EXPOSURE LIMITS (OEL)**

**INGREDIENT DATA**

Not Available


**EMERGENCY LIMITS**

| Ingredient                | Material name | TEEL-1        | TEEL-2        | TEEL-3        |
|---------------------------|---------------|---------------|---------------|---------------|
| Portable Toilet Treatment | Not Available | Not Available | Not Available | Not Available |

| Ingredient                                 | Original IDLH | Revised IDLH  |
|--|---------------|---------------|
| Ingredients determined not to be hazardous | Not Available | Not Available |

**Exposure controls**

|   |  |
|---|--|
| <b>Appropriate engineering controls</b> | <p>Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection. The basic types of engineering controls are:<br/> Process controls which involve changing the way a job activity or process is done to reduce the risk.<br/> Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment. Ventilation can remove or dilute an air contaminant if designed properly. The design of a ventilation system must match the particular process and chemical or contaminant in use.<br/> Employers may need to use multiple types of controls to prevent employee overexposure.</p> |
| <b>Personal protection</b>              |   |
| <b>Eye and face protection</b>          | <p>Safety glasses with side shields.<br/> Chemical goggles.<br/> Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable.</p>  |
| <b>Skin protection</b>                  | See Hand protection below  |
| <b>Hands/feet protection</b>            | <p>Wear chemical protective gloves, e.g. PVC.<br/> Wear safety footwear or safety gumboots, e.g. Rubber<br/> The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. Where the chemical is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.<br/> The exact break through time for substances has to be obtained from the manufacturer of the protective gloves and has to be observed when making a final choice.<br/> Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturizer is recommended.</p>   |
| <b>Body protection</b>                  | See Other protection below   |
| <b>Other protection</b>                 | <p>Overalls.<br/> P.V.C. apron.<br/> Barrier cream.<br/> Skin cleansing cream.<br/> Eye wash unit.</p>   |
| <b>Thermal hazards</b>                  | Not Available  |

**Respiratory protection**

Type A-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|                   |                              |
|-------------------|------------------------------|
| <b>Appearance</b> | Liquid; miscible with water. |
|-------------------|------------------------------|

|   |                |  |                |
|---|----------------|--|----------------|
| <b>Physical state</b>                               | Liquid         | <b>Relative density (Water = 1)</b>            | Not Available  |
| <b>Odour</b>  | Not Available  | <b>Partition coefficient n-octanol / water</b> | Not Available  |
| <b>Odour threshold</b>                              | Not Available  | <b>Auto-ignition temperature (°C)</b>          | Not Available  |
| <b>pH (as supplied)</b>                             | Not Available  | <b>Decomposition temperature</b>               | Not Available  |
| <b>Melting point / freezing point (°C)</b>          | Not Available  | <b>Viscosity (cSt)</b>                         | Not Available  |
| <b>Initial boiling point and boiling range (°C)</b> | Not Available  | <b>Molecular weight (g/mol)</b>                | Not Applicable |
| <b>Flash point (°C)</b>                             | Not Applicable | <b>Taste</b>                                   | Not Available  |
| <b>Evaporation rate</b>                             | Not Available  | <b>Explosive properties</b>                    | Not Available  |
| <b>Flammability</b>                                 | Not Applicable | <b>Oxidising properties</b>                    | Not Available  |
| <b>Upper Explosive Limit (%)</b>                    | Not Applicable | <b>Surface Tension (dyn/cm or mN/m)</b>        | Not Available  |
| <b>Lower Explosive Limit (%)</b>                    | Not Applicable | <b>Volatile Component (%vol)</b>               | Not Available  |
| <b>Vapour pressure (kPa)</b>                        | Not Available  | <b>Gas group</b>                               | Not Available  |
| <b>Solubility in water (g/L)</b>                    | Miscible       | <b>pH as a solution (1%)</b>                   | Not Available  |
| <b>Vapour density (Air = 1)</b>                     | Not Available  | <b>VOC g/L</b>                                 | Not Available  |

## SECTION 10 STABILITY AND REACTIVITY

|   |  |
|---|--|
| <b>Reactivity</b>                         | See section 7  |
| <b>Chemical stability</b>                 | Unstable in the presence of incompatible materials.<br>Product is considered stable.<br>Hazardous polymerisation will not occur. |
| <b>Possibility of hazardous reactions</b> | See section 7  |
| <b>Conditions to avoid</b>                | See section 7  |
| <b>Incompatible materials</b>             | See section 7  |
| <b>Hazardous decomposition products</b>   | See section 5  |

## SECTION 11 TOXICOLOGICAL INFORMATION

### Information on toxicological effects

|                                  |  |                 |                   |               |               |
|----------------------------------|--|-----------------|-------------------|---------------|---------------|
| <b>Inhaled</b>                   | The material is not thought to produce either adverse health effects or irritation of the respiratory tract following inhalation (as classified by EC Directives using animal models). Nevertheless, adverse systemic effects have been produced following exposure of animals by at least one other route and good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.<br>Not normally a hazard due to non-volatile nature of product |                 |                   |               |               |
| <b>Ingestion</b>                 | Accidental ingestion of the material may be damaging to the health of the individual.  |                 |                   |               |               |
| <b>Skin Contact</b>              | There is some evidence to suggest that this material can cause inflammation of the skin on contact in some persons.<br>Open cuts, abraded or irritated skin should not be exposed to this material<br>Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.  |                 |                   |               |               |
| <b>Eye</b>                       | There is some evidence to suggest that this material can cause eye irritation and damage in some persons.  |                 |                   |               |               |
| <b>Chronic</b>                   | Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.   |                 |                   |               |               |
| <b>Portable Toilet Treatment</b> | <table border="1"> <tr> <td><b>TOXICITY</b></td> <td><b>IRRITATION</b></td> </tr> <tr> <td>Not Available</td> <td>Not Available</td> </tr> </table>  | <b>TOXICITY</b> | <b>IRRITATION</b> | Not Available | Not Available |
| <b>TOXICITY</b>                  | <b>IRRITATION</b>  |                 |                   |               |               |
| Not Available                    | Not Available  |                 |                   |               |               |

**Legend:** 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.\* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances

|  |                                 |
|--|---------------------------------|
| <b>Acute Toxicity</b>                    | <b>Carcinogenicity</b>          |
| <b>Skin Irritation/Corrosion</b>         | <b>Reproductivity</b>           |
| <b>Serious Eye Damage/Irritation</b>     | <b>STOT - Single Exposure</b>   |
| <b>Respiratory or Skin sensitisation</b> | <b>STOT - Repeated Exposure</b> |
| <b>Mutagenicity</b>                      | <b>Aspiration Hazard</b>        |

**Legend:** – Data available but does not fill the criteria for classification  
– Data available to make classification  
– Data Not Available to make classification

## SECTION 12 ECOLOGICAL INFORMATION

### Toxicity

|                                  |                 |                           |                |               |               |
|----------------------------------|-----------------|---------------------------|----------------|---------------|---------------|
| <b>Portable Toilet Treatment</b> | <b>ENDPOINT</b> | <b>TEST DURATION (HR)</b> | <b>SPECIES</b> | <b>VALUE</b>  | <b>SOURCE</b> |
|                                  | Not Available   | Not Available             | Not Available  | Not Available | Not Available |

**Legend:** Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 (QSAR) - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data

**DO NOT discharge into sewer or waterways.**

#### Persistence and degradability

| Ingredient | Persistence: Water/Soil               | Persistence: Air                      |
|------------|---------------------------------------|---------------------------------------|
|            | No Data available for all ingredients | No Data available for all ingredients |

#### Bioaccumulative potential

| Ingredient | Bioaccumulation                       |
|------------|---------------------------------------|
|            | No Data available for all ingredients |

#### Mobility in soil

| Ingredient | Mobility                              |
|------------|---------------------------------------|
|            | No Data available for all ingredients |

### SECTION 13 DISPOSAL CONSIDERATIONS

#### Waste treatment methods

| Product / Packaging disposal |   |
|------------------------------|---|
|                              | <p><b>DO NOT allow wash water from cleaning or process equipment to enter drains.</b></p> <p>It may be necessary to collect all wash water for treatment before disposal.<br/>           In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first.<br/>           Where in doubt contact the responsible authority.<br/>           Recycle wherever possible.<br/>           Consult manufacturer for recycling options or consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified.<br/>           Dispose of by: burial in a land-fill specifically licensed to accept chemical and / or pharmaceutical wastes or incineration in a licensed apparatus (after admixture with suitable combustible material).<br/>           Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed.</p> |

### SECTION 14 TRANSPORT INFORMATION

#### Labels Required

| Marine Pollutant |                |
|------------------|----------------|
|                  | NO             |
| HAZCHEM          |                |
|                  | Not Applicable |

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

### SECTION 15 REGULATORY INFORMATION

#### Safety, health and environmental regulations / legislation specific for the substance or mixture

| National Inventory            | Status   |
|-------------------------------|--|
| Australia - AICS              | Y  |
| Canada - DSL                  | Y  |
| Canada - NDSL                 | Y  |
| China - IECSC                 | Y  |
| Europe - EINEC / ELINCS / NLP | Y  |
| Japan - ENCS                  | Y  |
| Korea - KECI                  | Y  |
| New Zealand - NZIoC           | Y  |
| Philippines - PICCS           | Y  |
| USA - TSCA                    | Y  |
| <b>Legend:</b>                | Y = All ingredients are on the inventory<br>N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets) |

### SECTION 16 OTHER INFORMATION

#### Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

## Definitions and abbreviations

PC—TWA: Permissible Concentration-Time Weighted Average  
PC—STEL: Permissible Concentration-Short Term Exposure Limit  
IARC: International Agency for Research on Cancer  
ACGIH: American Conference of Governmental Industrial Hygienists  
STEL: Short Term Exposure Limit  
TEEL: Temporary Emergency Exposure Limit,  
IDLH: Immediately Dangerous to Life or Health Concentrations  
OSF: Odour Safety Factor  
NOAEL :No Observed Adverse Effect Level  
LOAEL: Lowest Observed Adverse Effect Level  
TLV: Threshold Limit Value  
LOD: Limit Of Detection  
OTV: Odour Threshold Value  
BCF: BioConcentration Factors  
BEI: Biological Exposure Index

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