# Material Safety Data Sheet

**Infosafe No.** 4AD54  
**Issue Date:** March 2015  
**ISSUED by EXFOL**

## Company Details

<table>
<thead>
<tr>
<th>Product Name</th>
<th>EXFOLIATORS PREMIUM PERLITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company Name</td>
<td>Exfoliators (Aust) Pty Ltd (ABN 98 477 971 939)</td>
</tr>
<tr>
<td>Address</td>
<td>3 Kitchen Road Dandenong VIC 3175</td>
</tr>
<tr>
<td>Emergency Telephone No.</td>
<td>(03) 9706 6049</td>
</tr>
<tr>
<td>Telephone / Facsimile</td>
<td>Ph: (03) 9706 6049 Fax: (03) 9706 6046</td>
</tr>
<tr>
<td>Website</td>
<td><a href="http://www.exfoliators.com.au">www.exfoliators.com.au</a></td>
</tr>
<tr>
<td>Product Use</td>
<td>Hydroponics, Horticulture, Viticulture, Agriculture, Insulation, Lightweight Concrete, Refractory Insulation, Filler, Texture Coating, Cryogenic Insulation, Spill Absorbent, Filteraid.</td>
</tr>
</tbody>
</table>

## Hazards Identification

**Hazard Classification**  
NON-HAZARDOUS SUBSTANCE.  
NON-DANGEROUS GOODS.  
Hazard classification according to the criteria of NOHSC.  
Dangerous goods classification according to the Australia Dangerous Goods Code.

## Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Description</th>
<th>Name</th>
<th>CAS</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This product contains &lt;0.1% crystalline silica.</td>
<td>Perlite</td>
<td>93763-70-3</td>
<td>99.9-100 %</td>
</tr>
</tbody>
</table>

## First Aid Measures

**Inhaled**  
If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.

**Ingestion**  
Do NOT induce vomiting. Wash out mouth with water and give plenty of water to drink. If symptoms develop seek medical attention.

**Skin**  
Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.

**Eyes**  
Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.

**First Aid Facilities**  
Normal washroom facilities.

## Advice to Doctor

**Advice to Doctor**  
Treat symptomatically

## Fire Fighting Measures

**Extinguishing Media**  
Use appropriate fire extinguisher for surrounding environment.

**Fire Hazards**  
Non combustible material.

**Hazchem Code**  
None Allocated
ACCIDENTAL RELEASE MEASURES

Emergency Procedures
Increase ventilation. Evacuate all unnecessary personnel. Wear respiratory protection as specified in the Protective Equipment section of this MSDS.
Dampen spilled material with water to avoid airborne dust, and then transfer material to a suitable container. Use absorbent paper dampened with water to pick up remaining material. Wash surfaces well with soap and water. Seal all wastes in vapour tight labelled plastic containers for eventual disposal. If this material enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

HANDLING AND STORAGE

Conditions for Safe Storage
Store in a cool, dry, well-ventilated area, out of direct sunlight and moisture. Store in labelled, containers. Keep containers tightly closed. Store away from water and incompatible materials. Have appropriate fire extinguishers available in and near the storage area.

Precautions for Safe Handling
Avoid generating dust. Use smallest possible amounts in designated areas with adequate ventilation. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Label containers. Keep containers closed when not in use. Wear appropriate protective equipment to prevent inhalation, skin and eye contact. Ensure a high level of personal hygiene is maintained when using this product. That is; always wash hands before eating, drinking, smoking or using the toilet.

Exposure Controls

National Exposure Standards
No exposure standards have been established for this material, however, the TWA National Occupational Health And Safety Commission (NOHSC) exposure standards for dust not otherwise specified is 10 mg/m³.

Biological Limit
No biological limit allocated.

Engineering Controls
Use with good general ventilation. If dusts are produced local exhaust ventilation should be used.

PERSONAL PROTECTION

Respirator Type
If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

Eye Protection
Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection
Generally not required, however for industrial use, wear gloves of impervious material. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection
Suitable work wear should be worn to protect personal clothing. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.
# PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Mixture of golden brown/red and white granules, odourless</td>
</tr>
<tr>
<td>Melting Point</td>
<td>~1250°C</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not Available</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>~2.2 - 2.5</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not Relevant</td>
</tr>
<tr>
<td>Flamm. Limit LEL</td>
<td>Not Relevant</td>
</tr>
<tr>
<td>Flamm. Limit UEL</td>
<td>Not Relevant</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Insoluble</td>
</tr>
</tbody>
</table>

# OTHER PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH Value</td>
<td>7 - 8 (10% concentration in water)</td>
</tr>
<tr>
<td>Stability</td>
<td>Stable under normal conditions.</td>
</tr>
<tr>
<td>Haz. Polymerization</td>
<td>Not expected to occur.</td>
</tr>
<tr>
<td>Other Information</td>
<td>Bulk Density: 45 - 120 kg/m³</td>
</tr>
</tbody>
</table>

# TOXICOLOGICAL INFORMATION

- **Inhalation**: Inhalation of airborne dust may cause irritation to the mucous membrane and upper airways. Symptoms of exposure can include coughing, sneezing and breathing difficulties.
- **Ingestion**: Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
- **Skin**: Skin contact may cause mechanical irritation resulting in redness and itching.
- **Eye**: Eye contact may cause mechanical irritation. May result in mild abrasion.
- **Chronic Effects**: Not expected to cause chronic health effects.

# ECOLOGICAL INFORMATION

- **Ecotoxicity**: No data is available for this material.
- **Persistence /Degradability**: No data is available for this material.
- **Mobility**: No data is available for this material.
- **Environ. Protection**: Prevent this material entering waterways, drains and sewers.

# DISPOSAL CONSIDERATIONS

<table>
<thead>
<tr>
<th>Disposal Considerations</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dispose of waste</td>
<td>According to federal, EPA and state regulations.</td>
</tr>
</tbody>
</table>

# TRANSPORT INFORMATION

- **Transport**: Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (6th Edition).
- **Shipping Name**: None Allocated
- **UN Number**: None Allocated
- **DG Class**: None Allocated
- **Packing Group**: None Allocated
- **Hazchem Code**: None Allocated
- **Poisons Schedule**: Not Scheduled

# CONTACT POINT

- **Date of preparation or last revision of MSDS**: MSDS reviewed: March 2015.
- **Contact Person/Point**: Graeme Raper
  - Ph: 03. 9706 6049
  - ...End of MSDS...