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**MATERIAL SAFETY DATA SHEETS**

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**Country Homestead Eucalyptus  
Wool Mix****Version: 1****Issued: 11<sup>th</sup> November  
2008****Page 1 of 6**

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**CLASSIFICATION OF MATERIAL**

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**Classified as hazardous according to criteria of the National Occupational Health and Safety  
Commission (Australia)****1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

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- 1.1 Product:** Country Homestead Eucalyptus Wool Mix  
**1.2 UN Proper Shipping Name:** Not Applicable  
**1.3 Recommended Use:** Laundry Detergent  
**1.4 Supplier:** Pental Products Pty Ltd  
**1.5 A.B.N:** 68 103 213 467  
**1.6 Address:** 48 Drummond Road, Shepparton, Victoria, 3630  
**1.7 Telephone Number:** (03) 5820 5200 (Australia).  
**1.8 Facsimile:** (03) 5820 5221 (Australia).  
**1.9 Emergency Telephone Numbers:** (03) 5820 5200 (Australia: Weekdays 8.00am to 5.00pm)  
Poisons Information Centre Australia: 13 1126  
Poisons Information Centre New Zealand: 0800 764 766

**2. HAZARDS IDENTIFICATION**

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- 2.1 Hazard Classification:** Hazardous Substance. Non-Dangerous Goods  
**2.2 Risk Phrase(s):** R36/38 Irritating to eyes and skin.  
**2.3 Safety Phrases:** S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

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<b>Chemical Name</b>	<b>CAS Number</b>	<b>Proportion %</b>
Water	7732-18-5	> 60
Anionic Surfactants	Proprietary	10 to 30
Sodium Chloride	7647-14-5	< 5
Eucalyptus Oil	8000-48-4	< 1
Sodium Hydroxide	1310-73-2	< 1
Trisodium - HEDTA	139-89-9	< 1
1,2-Benzisothiazolin-3-one	2634-33-5	< 1

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## 4. FIRST AID MEASURES

### 4.1 Description of Necessary First Aid Measures

<b>Ingestion:</b>	Do not induce vomiting. Immediately remove product from mouth and rinse out with plenty of water. If a large amount swallowed, or symptoms develop, obtain medical attention.
<b>Eye:</b>	Immediately flush with water for at least 15 minutes. Seek medical attention.
<b>Skin:</b>	Remove any contaminated clothing. Wash off skin with water. Obtain medical attention if symptoms develop.
<b>Inhalation:</b>	Remove from source of exposure. Monitor symptoms and progress to assess the need for medical attention.

### 4.2 Medical Attention and Special Treatment

<b>First Aid Facilities:</b>	Eyewash facilities should be available.
<b>Comments:</b>	Treat according to person's condition and specifics of exposure.
<b>Advice to Doctor:</b>	Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

<b>5.1 Suitable Extinguishing Media:</b>	Non-flammable. On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO <sub>2</sub> ), dry chemical or water spray. Water can be used to cool fire exposed containers.
<b>5.2 Hazards From Combustion Products:</b>	Carbon oxides and traces of incompletely burned carbon compounds. Sulphur oxides.
<b>5.3 Special Protective Precautions and Equipment For Fire Fighters:</b>	Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool. Self-containing breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.
<b>5.4 Hazchem Code:</b>	Not applicable.

## 6. ACCIDENTAL RELEASE MEASURES

<b>6.1 Emergency Procedures:</b>	Avoid eye contact. Do not allow large quantities to enter drains or surface waters.
<b>6.2 Methods and Materials for Containment and Clean Up:</b>	Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protective equipment recommendations described in this MSDS. If leaked material can be pumped, store recovered material in appropriate container(s). Clean up remaining materials from spill with suitable absorbent. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. Laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which laws and regulations are applicable.

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## 7. HANDLING AND STORAGE

- 7.1 **Precautions for Safe Handling:** Use with adequate ventilation. Avoid eye contact. Avoid contact with skin. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.
- 7.2 **Conditions for Safe Storage:** Use reasonable care and store away from oxidizing materials and strong acids.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 **National Exposure Standards:** No exposure standard allocated
- 8.2 **Biological Limit Values:** No biological limit allocated.
- 8.3 **Engineering Controls:** General ventilation is recommended.
- 8.4 **Personal Protective Equipment:**
- Respiratory** Domestic quantities require no special equipment with normal careful use. Do not enter or stay in mists or clouds without expert advice or protective (full face mask with fresh solvent canister) equipment.
- Eye** Domestic quantities require no special equipment with normal careful use. Wear safety glasses or goggles or face shield if handling large quantities. Do not wear contact lenses. Ensure eyewash is available.
- Skin** Domestic quantities require no special equipment with normal careful use. Care should be taken with sensitive or damaged skin. For large quantities, wear PVC or rubber gloves, coveralls (plastic aprons may be required) and enclosed footwear.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Physical Description / Properties

<b>Appearance:</b>	Clear viscous liquid
<b>Odour:</b>	Characteristic eucalyptus odour
<b>pH:</b>	6.5 - 7.5
<b>Viscosity (cP @ 25°C):</b>	400 - 550
<b>Vapor Pressure:</b>	Not applicable
<b>Vapor Density:</b>	Not applicable
<b>Boiling Point (°C):</b>	Not determined
<b>Freezing Point (°C):</b>	Not determined
<b>Melting Point (°C):</b>	Not determined
<b>Solubility In Water (g/100 mL):</b>	Soluble in water
<b>Specific Gravity (@ 25°C):</b>	1.01 – 1.04 g/mL
<b>Flash Point (°C):</b>	Not determined
<b>Lower Explosive Limit (%):</b>	Not determined
<b>Upper Explosive Limit (%):</b>	Not determined
<b>Autoignition Temp (°C):</b>	Not determined
<b>Decomposition Temp (°C):</b>	Not determined

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## 10. STABILITY AND REACTIVITY

- 10.1 Chemical Stability:** The product is stable under normal ambient conditions of temperature and pressure.
- 10.2 Conditions To Avoid:** Protect from frost.
- 10.3 Incompatible Materials:** Strong Oxidizers; strong acids
- 10.4 Hazardous Decomposition Products:** Oxides of Carbon and sulphur.
- 10.5 Hazardous Reactions:** Hazardous polymerisation will not occur.

## 11. TOXICOLOGICAL INFORMATION

**11.1 Likely Route of Exposure:**  Inhalation  Skin contact  Ingestion

**11.2 Health Effects From Likely Route of Exposure:**

### Acute

**Ingestion:** Low ingestion hazard in normal use. Considered an unlikely route of entry in commercial/industrial environments. May cause irritation to the gastrointestinal system. Symptoms may include pain, nausea, vomiting and diarrhea.

**Eye:** Irritating to eyes, causing redness, swelling and pain.

**Skin:** May cause irritation in contact with skin, resulting in redness and possibly dermatitis. The material may accentuate pre-existing skin conditions.

**Inhalation:** Considered an unlikely route of entry in commercial/industrial environments. May cause irritation to the mucous membranes and upper airways. Symptoms of exposure can include coughing and sneezing.

### Chronic

**Ingestion:** Repeated ingestion or swallowing large amounts may injure internally.

**Skin:** The material may cause skin irritation after prolonged or repeated exposure in susceptible individuals and may produce a contact dermatitis (non-allergic). This form of dermatitis is often characterised by skin redness (erythema) and swelling epidermis.

**Inhalation:** No known applicable information. Intentional misuse by concentrating/inhaling contents may be injurious to health or lethal.

**11.3 Other Information:** No known applicable information.

## 12. ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Not available.
- Bioaccumulation:** No bioaccumulation potential.
- 12.2 Environmental Fate and Distribution:** Biodegradable.
- 12.3 Fate and Effects in Waste Water Treatment Plants:** No adverse effects on bacteria are predicted.

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## 13. DISPOSAL CONSIDERATIONS

- 13.1 Disposal Method:** Single unit: Wash with plenty of water.  
Large amounts: Prevent drain or sewer contamination. If large quantities of the material enter waterways contact the EPA or local waste management authority. Reclaim or dispose of in accordance with local, state and federal regulations.
- 13.2 Special Precautions for Landfill or Incineration:** None known.

## 14. TRANSPORTATION INFORMATION

- 14.1 UN Number:** Not applicable.
- 14.2 UN Proper Shipping Name:** Not applicable.
- 14.3 Dangerous Goods Class:** Not applicable.
- Packing Group:** Not applicable.
- 14.4 Special Precautions for User:** Not applicable.
- 14.5 HAZCHEM Code:** Not applicable.
- Additional Shipping Information:** Not applicable.

## 15. REGULATORY INFORMATION

- 15.1 SUSDP Poisons Schedule:** Not applicable.
- 15.2 Prohibition / Licensing Requirements:** There are no applicable prohibition or notification / licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.
- 15.3 Industrial Chemicals (Notification and Assessment) Act 1989:** All ingredients are listed on or exempt from the *Australia Inventory of Chemical Substances* (AICS).

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## 16. OTHER INFORMATION

- 16.1 Issue Date:** 11<sup>th</sup> November 2008
- 16.2 Contact Points:**
- Title / Position:** Research & Development Manager
- Telephone:** (03) 5820 5204 (Australia: Weekdays 8.00am to 5.00pm)
- E-mail:** enquiries@pental.com.au
- 16.3 After Hours Emergency Medical Assistance:** Poisons Information Centre
- Telephone:** Australia: 13 1126  
New Zealand: 0800 764 766

### Disclaimer:

This information is provided based on our current knowledge and is intended to describe the product for the purpose of health, safety and environment requirements only. Pental Products Pty Ltd makes no representation, guarantee or warranty, expressed or implied, as to the accuracy, reliability or completeness of the information and assumes no responsibility for injury, damage or loss resulting from the use of the material. Since Pental Products Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product.

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