

Safety Data Sheet

PureClean® Eucalyptus Laundry Pre-Spray Mountain Cleaning Products

Issue Date: June 2021
Valid to: June 2022



SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY

| | |
|------------------------|--|
| Trade Name: | PureClean® Eucalyptus Laundry Pre-Spray |
| Synonyms: | NA |
| Chemical Formula: | NA |
| CAS Number: | NA |
| Product Uses: | Heavy-duty laundry pre-wash stain treatment. |
| Supplier/Manufacturer: | Mountain Cleaning Products |
| Address: | 7/7/ Snow St, South Lismore, NSW 2480 |
| Telephone: | 02 6622 8733 |
| Fax: | 02 6622 8744 |
| Email: | support@mountaincleaning.com.au |
| Website: | www.mountaincleaning.com.au |
| Emergency Telephone: | 13 11 26 (Poisons Information Centre) |

SECTION 2: HAZARD(S) IDENTIFICATION

| GHS Classification: | Product as sold | Product at USE DILUTION 1:10 |
|---------------------|---|---------------------------------|
| | Skin irritation (Category 2) Eye damage (Category 1) | Non-hazardous. |

LABELLING ELEMENTS:

| | Product as sold | Product at USE DILUTION 1:10 |
|-----------------------------|--|---------------------------------|
| Signal Word: | Danger | None allocated. |
| Pictogram(s): |   Corrosive (to eyes) | Non-hazardous. |
| Hazard Statements(s) | H315 Causes skin irritation. H318 Causes serious eye damage. | None allocated. |
| Precautionary Statement(s): | Prevention P264 Wash hands thoroughly after | None allocated. |

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| | <p>handling. P280 Wear protective gloves and eye protection.</p> <p>Response P302 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water. P362 Take off contaminated clothing and wash before reuse. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTRE (13 11 26) or doctor. P321 Specific treatment, see First Aid Measures on this Safety Data Sheet. P332 + P313 If skin irritation occurs: Get medical advice/attention.</p> | |
| Storage: | None allocated. | None allocated. |
| Disposal: | None allocated. | None allocated. |

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

| Ingredients | CAS No.s | Percentage (w/w) | Classification |
|----------------------------------|------------|------------------|----------------|
| Water | 7732-18-5 | > 60% | |
| Sodium metasilicate pentahydrate | 10213-79-3 | < 10% | H314 + H335 |
| 1-methoxy-2-propanol | 107-98-2 | < 10% | H226 + H336 |
| Sodium hydroxide | 1300-72-7 | < 10% | H314 |
| Surfactants (various) | | < 10% | H302 + H318 |
| D-limonene | 68647-72-3 | Below cut off | H315 + H317 |
| Triethanolamine | 102-71-6 | Below cut off | H315 + H335 |
| Other ingredients | | < 10% | |

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| determined to be non hazardous or below concentration cut offs | | | |
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SECTION 4: FIRST AID MEASURES

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| First Aid Facilities: | Normal washroom facilities. Safety shower and emergency eye wash. |
| Eye Contact: | Immediately irrigate with copious quantities of water for at least 20 minutes. Eyelids to be held open. Remove contact lenses if possible to do so, as contact lenses (especially soft lenses) can concentrate irritants. Prevent flushing fluid from reaching uncontaminated eye. Seek medical advice (e.g. ophthalmologist) if irritation, burning or redness occurs. |
| Skin Contact: | Remove contaminated clothing and wash before reuse. Wash affected skin with plenty of water. Seek medical advice if irritation, burning or redness develops. |
| Inhalation: | Remove victim to fresh air away from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position, keep warm and at rest. Seek medical attention if necessary. |
| Ingestion: | Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. If conscious, rinse mouth thoroughly with water and give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice. |
| Advice to Doctor: | No specific antidote. Treatments should be based on observed signs and symptoms of the patient. Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. |
| Scheduled Poisons: | Poisons Information Centre in each Australian State capital city can provide additional assistance for scheduled poisons. Phone Australia 13 11 26. |

SECTION 5: FIRE FIGHTING MEASURES

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| Fire and Explosion Hazard: | Non-combustible. However if involved in a fire will emit toxic fumes. |
| Extinguishing Media: | Use extinguishing media suitable for surrounding fires e.g. fine water spray, normal foam or dry agent extinguisher (carbon dioxide or dry chemical powder). |
| Fire Fighting: | Keep containers exposed to extreme heat cool with fine water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion or decomposition. Evacuate area and move upwind of fire. |
| Flash Point: | No data available. |
| Hazchem Code: | None. |

SECTION 6: ACCIDENTAL RELEASE MEASURES

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| Minor Spills: | Do not normally require special clean-up measures. Sweep up residues and rinse area with water. |
| Major Spills: | For example transport accident or bulk spill. Clear area of unprotected personnel. Work up wind or increase ventilation. Prevent spillage from entering drains or watercourses due to pH effect. Wear appropriate protective equipment (see section 8) to prevent skin and eye contamination. Contain spillage, then cover/absorb spill into dry, inert material (e.g. sand, earth or vermiculite), collect and place into suitable containers, appropriately labeled, for disposal by an approved agent according to local conditions. Spillage area may remain slippery. Flush spill area with excess water. If contamination of sewers or waterways has occurred advise the local emergency services. In the event of a large spillage notify the local environment protection authority or emergency services. |
| PPE: | Personal protective equipment advice is contained in Section 8 of this document. |

SECTION 7: HANDLING AND STORAGE

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| Handling: | Avoid skin and eye contact. Do not eat, drink or smoke when handling product. Keep out of reach of children. Always wash hands with water after handling. |
| Storage: | Store in a cool, dry, place with good ventilation. Avoid storing in aluminium and light alloy containers. Store away from incompatible materials (see Section 10). Keep containers closed at all times when not in use. Check regularly for leaks or damage. |

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS: None established for this product.

| Ingredient | TWA | STEL | DNEL |
|----------------------|------------------------------------|-----------------------------------|------|
| Sodium hydroxide | 2mg/m ³ peak limitation | | |
| Triethanolamine | 5mg/m ³ | | |
| 1-methoxy-2-propanol | 100 ppm/ 369 mg/m ³ | 150 ppm/ 563 mg/m ³ | |

| | Product as sold | Product at USE DILUTION 1:10 |
|-----------------------|---|---------------------------------|
| Personal Protection: | Use good occupational work practice. The use of protective clothing depends on the degree and nature of exposure. Final choice of appropriate protection will vary according to individual circumstances i.e. methods of handling, engineering controls and according to risk assessments. Safety glasses and gloves should be available. | None required. |
| Engineering Controls: | Ensure ventilation is adequate. Avoid generating mists of the product. Use only in a well ventilated area. Ensure airflow | None required. |

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| | is directed away from operators. | |
| Eye and Face Protection: | Safety glasses or chemical goggles are recommended to handle in quantity, cleaning up spills and when decanting. | None required. |
| Hand and Skin Protection: | Not required for normal use conditions. When using large quantities or where heavy contamination is likely, wear gloves and coveralls. | None required. |
| Inhalation Protection: | Not normally required under normal use conditions, where there is adequate ventilation. Where high contaminant mist levels exist the following equipment is required: For short elevated exposures e.g. spillages, an appropriate organic vapour cartridge respirator as per AS/NZS 1715 and 1716. For prolonged exposure and confined spaces wear a full-face piece SCBA (self contained breathing apparatus) or SAR (supplied air respirator) with auxiliary SCBA in line if vapour levels exceed Exposure Limit by more than 10 times. | None required. |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|------------------|--------------------|--------------------------|---------------|
| Appearance: | Clear straw liquid | | |
| Odour: | Eucalyptus | Vapour Pressure: | Not available |
| Odour Threshold: | Not available | Relative Vapour Density: | Not available |

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| pH: | 11.0 - 12.0 neat | Relative Density (Water=1): | 1.0-1.1 at 25 °C |
| Melting Point: | Approx. 0 °C | Water Solubility: | Miscible in all portions |
| Boiling Point: | Approx. 100 °C | Partition Coefficient n-Octanol/Water | Not available |
| Flash Point: | Not flammable | Auto-ignition Temperature | Not available |
| Evaporation Rate: | Not available | Decomposition Temperature | Not available |
| Flammability: | Not flammable | Viscosity | Non viscous |
| Upper/Lower Flammability: | Not available | | |

SECTION 10: STABILITY AND REACTIVITY

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| Reactivity: | Low. |
| Chemical Stability: | Stable under normal conditions of storage and handling. |
| Possibility of Hazardous Reactions: | Can decompose on combustion to form hazardous vapours, including carbon monoxide and carbon dioxide and other, possibly toxic gases and vapours. |
| Conditions to Avoid: | Extremes of temperature and direct sunlight. |
| Incompatible Materials: | Oxidising and reducing agents. |

SECTION 11: TOXICOLOGICAL INFORMATION

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| Inhaled: | Breathing in mists or aerosols may result in coughing and irritation in the respiratory tract. |
| Skin Contact: | Irritating to skin. May cause inflammation, itching, scaling or reddening. |
| Eye Contact: | Corrosive to eyes. Contact can cause redness, watering, itching and pain and can result in corneal burns and permanent eye damage. |
| Ingestion: | Swallowing can result irritations of the mucous membranes in the mouth, oesophagus and gastrointestinal tract and may cause nausea. |

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| Acute Toxicity: | Not toxic by calculation. No LD50 data available for this product. For constituent, trisodium phosphate (at 44%): Oral LD50 (rat) - 1600mg/kg For constituent, disodium metasilicate (at 59%): Oral LD50 (rat) - 1152mg/kg For constituent, sodium hydroxide (at 100%): Oral LD50 (rabbit) - 500mg/kg |
| Chronic: | No information available. |

SECTION 12: ECOLOGICAL INFORMATION

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| Ecotoxicity: | Not toxic by calculation. No LC50 data available for this product. |
| Persistence and Degradability: | Individual components stated to be biodegradable. |
| Bioaccumulative Potential: | Bioaccumulation is not expected. |
| Mobility in Soil: | High. |
| Other Adverse Affects: | None known. |

SECTION 13: DISPOSAL CONSIDERATIONS

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| Disposal Methods: | Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Decontamination and destruction of containers should be considered. |
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SECTION 14: TRANSPORT INFORMATION

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| ADG Code Classification: | Not a dangerous good. |
| UN No.: | Not applicable. |
| Proper Shipping Name: | Not applicable. |
| Transport Hazard Class: | Not applicable. |
| Packing Group: | Not applicable. |
| Hazchem Code: | Not applicable. |

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| Environmental Hazards for Transport: | Not applicable. |
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SECTION 15: REGULATORY INFORMATION

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| SUSMP (Poison Schedule): | S5 Caution. |
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SECTION 16: OTHER INFORMATION

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| Acronyms: | ADG – Australian Code for the Transport of Dangerous Goods by Road and Rail. AICS – Australian Inventory of Chemical Substances. CAS No. – Chemical Abstract Service Number used to uniquely identify chemical compounds. GHS – Globally Harmonised System. HAZCHEM – An emergency action code that gives information to emergency services during transport emergencies. IARC – International Agency for Research on Cancer. LD50 – Lethal Dose, 50%/median Lethal Dose. Mg/m ³ – Milligrams per cubic metre. PPM – Parts per million. STEL – Short Term Exposure Limit. STOT – SE/RE – Specific Target Organ Toxicity (single/repeated exposure). SUSMP – Standard for the Uniform Scheduling of Medicines and Poisons. TWA/OEL – Time Weighted Average or Occupational Exposure limit. |
| Literature References: | Australian Code For The Transport Of Dangerous Goods By Road And Rail – 7th Edition. ^[1] _[SEP] Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice. December 2011 – Safe Work Australia. ^[1] _[SEP] GHS Hazardous Chemical Information List - September 2014 – Safe Work Australia. ^[1] _[SEP] Guidance on the Classification of Hazardous Chemicals under the WHS Regulations. April 2012 - Safe Work Australia. ^[1] _[SEP] |

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| | <p>Global Harmonized System of Classification and Labelling of Chemicals (GHS). Fifth revised edition.</p> <p>List of Designated Hazardous Substances [NOHSC: 10005(1999)] Standard for the Uniform Scheduling of Medicines and Poisons. June 2016.</p> <p>Material Safety Data Sheets for individual raw materials – all suppliers.</p> <p>Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(1999)].</p> |
| Revision History: | <p>Rev 1.0 Initial SDS for GHS compliance.</p> <p>Rev 1.1 Extension for GHS7 transition.</p> |
| Prepared By: | Mountain Cleaning Products Regulatory Service. |

END OF SDS