



SAFETY DATA SHEETS**Power Wash Laundry Detergent****Version: 2****Issued: 26th May 2014****Page 1 of 6**

CLASSIFICATION OF MATERIAL

Classified as hazardous according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 3rd Revised Edition.

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

- | | | |
|-----|-------------------------------------|--|
| 1.1 | Product: | Power Wash Laundry Detergent |
| 1.2 | UN Proper Shipping Name: | None allocated |
| 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 (Australia): | 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

- | | | |
|-----|-------------------------------|---|
| 2.1 | Hazard Classification: | Hazardous Substance. Non-Dangerous Goods. |
| 2.2 | GHS Classification | Eye Irritation Category 2A |
| 2.3 | Signal Word: | WARNING |
| 2.4 | Hazard Statements: | H319 Causes serious eye irritation. |
| 2.5 | Prevention Statements: | P102 Keep out of reach of children.
P103 Read label before use.
P264 Wash hands thoroughly after handling.
P280 Wear eye protection. |
| 2.6 | Response Statements: | P101 If medical advice is needed, have product container or label at hand.
P305+P351+P338 IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical attention. |
| 2.7 | Storage Statements: | No storage statements. |
| 2.8 | Disposal Statements: | No disposal statements. |

SAFETY DATA SHEETS

Power Wash Laundry Detergent

Version: 2

Issued: 26th May 2014

Page 2 of 6

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion %
Sodium Carbonate	497-19-8	> 60
Sodium Chloride	7647-14-5	< 10
Sodium Dodecyl Benzene Sulphonate	68081-81-2	< 10
Sodium Metasilicate Pentahydrate	10213-79-3	< 5
Coconut Diethanolamide	68603-42-9	< 5
Ethylene Glycol Monobutyl Ether	111-76-2	< 1
Water	7732-18-5	< 1
Fragrance	Proprietary	< 1
CI 77007	Proprietary	< 0.1

4. FIRST AID MEASURES

4.1 Description of Necessary First Aid Measures

Ingestion:	Do not induce vomiting. Immediately remove product from the mouth and wash out mouth with plenty of water. If a large amount swallowed or symptoms develop, obtain medical attention.
Eye:	Immediately hold the eyes open and wash with fresh running water. Take care not to rinse contaminated water into non-affected eye. Ensure complete irrigation of the eye by keeping the eyelids apart and away from the eye and moving the eyelids by occasionally lifting the upper and lower lids. Remove contact lenses, if present and easy to remove. Continue rinsing. If symptoms persist, obtain medical attention.
Skin:	Wash skin thoroughly with plenty of water. Remove contaminated clothing and wash before re-use. If symptoms develop, obtain medical attention.
Inhalation:	Remove from source of exposure. Keep at rest until recovered. If symptoms persist, obtain medical attention.

4.2 Medical Attention and Special Treatment

First Aid Facilities:	An eye wash fountain, safety shower and general washing facility should be available immediately adjacent to the work area.
Comments:	Treat according to person's condition and specifics of exposure.
Advice to Doctor:	Treat symptomatically.

5. FIRE FIGHTING MEASURES

- 5.1 Suitable Extinguishing Equipment:** Use appropriate fire extinguisher for surrounding environment.
- 5.2 Specific Hazards Arising From The Chemical:** This product is non-flammable. However, under certain conditions, this material, if sufficiently distributed in air and a suitable source of ignition is present, may cause a dust explosion. This material may decompose and produce toxic and/or irritating fumes under fire conditions.

SAFETY DATA SHEETS

Power Wash Laundry Detergent

Version: 2

Issued: 26th May 2014

Page 3 of 6

- 5.3 Special Protective Equipment and Precautions For Fire Fighters:** 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.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:** Avoid eye contact. Determine whether to evacuate or isolate the area according to your local emergency plan. Increase ventilation. Evacuate all unprotected personnel. Use full protective clothing and equipment to minimise exposure.
- 6.2 Environmental Precautions:** Prevent run off into drains and waterways. If a large quantity of this material enters the environment, contact the relevant regulatory authorities. Dispose of waste according to Federal, E.P.A., State and Local regulations.
- 6.3 Methods and Materials for Containment and Clean Up:** Observe all personal protective equipment recommendations described in this MSDS. Avoid generating dusts. Ventilate area. If available, use dustless methods, such as a HEPA vacuum and filter. If possible, wet down area to prevent high dust levels. Use a non-sparking shovel and place into a suitably labelled container for disposal. Do not dry sweep. Laws and regulations may apply to releases and disposal of this material. You will need to determine which laws and regulations are applicable.

7. HANDLING AND STORAGE

- 7.1 Precautions for Safe Handling:** Use in a well-ventilated area. Avoid breathing dust. Avoid eye contact. Avoid prolonged contact with the skin. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking, smoking or using toilet facilities.
- 7.2 Conditions for Safe Storage, Including Any Incompatibilities:** Store in a cool, dry, well-ventilated area and out of direct sunlight. Store away from sources of heat and ignition. Keep away from oxidising agents, strong acids, strong alkalis and foodstuff containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 National Exposure Standards:** Not exposure standard allocated.
- 8.2 Biological Limit Values:** No biological limit allocated.
- 8.3 Engineering Controls:** Ensure adequate ventilation. If mists or vapours are produced local exhaust ventilation should be used.
- 8.4 Personal Protective Equipment: Respiratory:** Domestic quantities require no special equipment with normal careful use. When handling bulk quantities. Avoid breathing dust. Where ventilation is inadequate and dusts are generated, respiratory protective equipment should be used suitable for protecting against airborne contaminants. 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.

SAFETY DATA SHEETS

Eye:	Domestic quantities require no special equipment with normal careful use. When handling bulk quantities. Avoid eye contact. Safety glasses with side shields, goggles or face shield should be worn. Eye protection should conform with AS/NZS 1337 Eye protectors for industrial applications.
Skin:	Domestic quantities require no special equipment with normal careful use. When handling bulk quantities. Wear gloves of impervious material. Refer to AS/NZS 2161.1 Occupational protective gloves – Selection use and maintenance. Wear appropriate clothing, including a chemical resistant apron, where clothing is likely to be contaminated. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial Clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical Description / Properties

Appearance:	Blue, free flowing powder.
Odour:	Characteristic lemon odour.
pH:	11.0 – 11.5 (1% solution)
Viscosity (@25°C)	Not applicable
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Boiling Point (°C):	Not applicable
Freezing Point (°C):	Not applicable
Melting Point (°C):	Not applicable
Solubility In Water:	Soluble at 20grams/Litre.
Specific Gravity (@ 25°C):	Not available
Flash Point (°C):	Not available
Flammability	Non-flammable
Lower Explosive Limit (%):	Not available
Upper Explosive Limit (%):	Not available
Autoignition Temp (°C):	Not available
Decomposition Temp (°C):	Not available

10. STABILITY AND REACTIVITY

10.1 Reactivity:	Hazardous polymerisation will not occur.
10.2 Chemical Stability:	The product is stable under normal ambient conditions of temperature and pressure.
10.3 Conditions To Avoid:	Extremes of temperature and direct sunlight.
10.4 Incompatible Materials and Possible Hazardous Reactions:	Strong oxidising agents and strong acids. Product is alkaline and will react vigorously with acids, producing carbon dioxide.
10.5 Hazardous Decomposition Products:	Thermal decomposition may result in the release of toxic and/or irritating fumes, including oxides of carbon.

SAFETY DATA SHEETS

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 mouth, throat and stomach. Large doses may result in nausea, vomiting, gastrointestinal irritation and diarrhoea.

Eye: Direct contact may produce irritation to the eye causing lachrymation, inflammation, pain and redness. Repeated or prolonged exposure to irritants may produce corneal damage or conjunctivitis.

Skin: Itching, redness and rash may occur in susceptible individuals. The material may accentuate pre-existing skin conditions.

Inhalation: Inhalation of dust may cause irritation of the nose, throat and respiratory system.

Chronic

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

Skin: Prolonged or repeated skin contact may lead to dermatitis in some individuals.

Inhalation: Chronic exposure by inhalation may aggravate existing respiratory disorders.

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

12. ECOLOGICAL INFORMATION

12.1 **Ecotoxicity:** Slightly harmful in the aquatic environment.

12.2 **Persistence and Degradability:** No information available.

12.3 **Bioaccumulation Potential:** No information available.

12.4 **Mobility in Soil:** No information available.

12.5 **Other Adverse Effects:** No adverse effects on bacteria predicted.

13. DISPOSAL CONSIDERATIONS

13.1 **Disposal Method:** Reclaim or dispose of in accordance with local and national regulations.

13.2 **Disposal of Contaminated Packaging** Empty container. Rinse container, remove or obliterate labelling before sending to landfill or recycler.

13.2 **Environmental Regulations:** Not applicable.

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 **Environmental Hazards:** Not applicable

SAFETY DATA SHEETS

Power Wash Laundry Detergent

Version: 2

Issued: 26th May 2014

Page 6 of 6

- 14.5 **Special Precautions During Transport:** Not applicable
- 14.6 **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)*.

16. OTHER INFORMATION

- 16.1 **Issue Date:** 26th May 2014
- 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:

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