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**MATERIAL SAFETY DATA SHEETS****Velvet Soap Powder****Version: 2****Issued: 14<sup>th</sup> May 2014****Page 1 of 6**

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**CLASSIFICATION OF MATERIAL**

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

**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

- |     |                                     |  |
|-----|-------------------------------------|--|
| 1.1 | <b>Product:</b>                     | Velvet Soap Powder   |
| 1.2 | <b>UN Proper Shipping Name:</b>     | None allocated   |
| 1.3 | <b>Recommended Use:</b>             | Laundry powder.  |
| 1.4 | <b>Supplier:</b>                    | Pental Products Pty Ltd  |
| 1.5 | <b>A.B.N:</b>                       | 68 103 213 467   |
| 1.6 | <b>Address:</b>                     | 48 Drummond Road, Shepparton, Victoria, 3630   |
| 1.7 | <b>Telephone Number:</b>            | (03) 5820 5200 (Australia).  |
| 1.8 | <b>Facsimile:</b>                   | (03) 5820 5221 (Australia).  |
| 1.9 | <b>Emergency Telephone Numbers:</b> | (03) 5820 5200 (Australia: Weekdays 8.00am to 5.00pm)<br>Poisons Information Centre Australia: 13 1126<br>Poisons Information Centre New Zealand: 0800 764 766 |

**2. HAZARDS IDENTIFICATION**

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

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion %
Sodium Soap of Tallow and Coconut Oil	Proprietary	30 to 60
Sodium Carbonate	497-19-8	30 to 60
Moisture	7732-18-5	< 10
Glycerine	56-81-5	< 5
Sodium Chloride	7647-14-5	< 1
Fragrance	Proprietary	< 0.1
Etidronic Acid	2809-21-4	< 0.1
Tetrasodium EDTA	64-02-8	< 0.1

## 4. FIRST AID MEASURES

### 4.1 Description of Necessary First Aid Measures

<b>Ingestion:</b>	Do not induce vomiting. Immediately remove product from the mouth and wash out mouth with plenty of water. Give a glass of water. If symptoms develop, obtain medical attention.
<b>Eye:</b>	Immediately hold the eyes open and wash with fresh running water. 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.
<b>Skin:</b>	Wash skin thoroughly with plenty of water. Remove contaminated clothing and wash before re-use. If symptoms develop, obtain medical attention.
<b>Inhalation:</b>	Remove from source of exposure. Keep at rest until recovered. If symptoms persist, obtain medical attention.

### 4.2 Medical Attention and Special Treatment

<b>First Aid Facilities:</b>	An eye wash fountain, safety shower and general washing facility should be available immediately adjacent to the work area.
<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 Equipment:</b>	Use appropriate fire extinguisher for surrounding environment.
<b>5.2 Specific Hazards Arising From The Chemical:</b>	This product is non-flammable. This material may decompose and produce toxic and/or irritating fumes under fire conditions.
<b>5.3 Special Protective Equipment and Precautions 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.

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## 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. Evacuate all unprotected personnel. Use full protective clothing and equipment to minimise exposure.
- 6.2 Environmental Precautions:** Do not allow large quantities to enter drains or surface waters. 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. If possible, keep spill dry, sweep up or shovel into suitable containers. 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, away from heat and out of direct sunlight. Keep away from oxidising agents, strong acids and foodstuff containers.

## 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:** Ensure adequate ventilation. If dusts 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 dusts. 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.
- 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.

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**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:** White to off-white, free-flowing powder.

**Odour:** Characteristic odour.

**pH:** 10.5 – 11.5 (1% Solution)

**Viscosity (cP @ 25°C):** Not applicable

**Vapor Pressure:** Not available

**Vapor Density:** Not available

**Boiling Point (°C):** Not available

**Freezing Point (°C):** Not available

**Melting Point (°C):** Not available

**Solubility In Water:** Soluble

**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:** Hygroscopic, will absorb moisture from the air.

**10.3 Conditions To Avoid:** Exposure to moisture, extremes of temperature and direct sunlight.

**10.4 Incompatible Materials and Possible Hazardous Reactions:** Strong oxidising agents, strong acids. Reacts exothermically with strong 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 and nitrogen.

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## 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. Low toxicity. Large doses may result in diarrhoea, nausea, vomiting and gastrointestinal irritation.
- Eye:** Irritant. 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:** No significant irritation expected from a single short-term exposure. 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, with effects including coughing and sneezing.
- 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:** No data available.
- 12.2 **Persistence and Degradability:** Biodegradable.
- 12.3 **Bioaccumulation Potential:** No bioaccumulation potential.
- 12.4 **Mobility in Soil:** No information available.
- 12.5 **Other Adverse Effects:** No adverse effects on bacteria are 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** Recycle or landfill.
- 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

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- 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:** 14<sup>th</sup> 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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