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**MATERIAL SAFETY DATA SHEETS**

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**Natural Selections Sorbolene  
Refreshing Soap****Version: 1 Issued: 16<sup>th</sup> December 2008 Page 1 of 5**

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**CLASSIFICATION OF MATERIAL**

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**Not 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:** Natural Selections Sorbolene Refreshing Soap.  
**1.2 UN Proper Shipping Name:** Not relevant.  
**1.3 Recommended Use:** Personal Soap Bar.  
**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:** Non-Hazardous Substance. Non-Dangerous Goods.  
**2.2 Risk Phrase(s):** Nil.  
**2.3 Safety Phrases:** Nil.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

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<b>Chemical Name</b>	<b>CAS Number</b>	<b>Proportion %</b>
Sodium Soap of Palm and Palm Kernel Oils	Proprietary	> 60
Moisture	7732-18-5	< 30
Sorbitol	50-70-4	< 5
Glycerine	56-81-5	< 5
Fragrance	Proprietary	< 1
Sodium Lauryl Sulphate	151-21-3	< 1
Sodium Chloride	7647-14-5	< 1
Titanium Dioxide	13463-67-7	< 1
Etidronic Acid	2809-21-4	< 0.1
Tetrasodium EDTA	64-02-8	< 0.1

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## 4. FIRST AID MEASURES

### 4.1 Description of Necessary First Aid Measures

<b>Ingestion:</b>	Immediately remove product from the mouth and rinse mouth out with plenty of water. Then provide water slowly and as much as casualty can comfortably drink. If discomfort persists or symptoms develop, seek 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. If pain persists or recurs, seek medical attention.
<b>Skin:</b>	Not applicable for normal use. If skin reaction or irritation occurs, discontinue use and seek medical attention.
<b>Inhalation:</b>	If fumes or combustion products are inhaled, remove to fresh air.

### 4.2 Medical Attention and Special Treatment

<b>First Aid Facilities:</b>	No special facilities required.
<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. Carbon dioxide, dry chemical powder, water spray or fog and foam may be used as extinguishing media.
<b>5.2 Hazards From Combustion Products:</b>	On combustion, may emit toxic fumes of carbon monoxide (CO). May emit acrid smoke.
<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. Fire fighters should wear self-contained breathing apparatus to minimise risk of exposure to vapour or products of combustion.
<b>5.4 Hazchem Code:</b>	Not applicable.

## 6. ACCIDENTAL RELEASE MEASURES

<b>6.1 Emergency Procedures:</b>	Do not allow large quantities to enter drains or surface waters.
<b>6.2 Methods and Materials for Containment and Clean Up:</b>	Recover product and dispose according to state regulations.

## 7. HANDLING AND STORAGE

<b>7.1 Precautions for Safe Handling:</b>	Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.
<b>7.2 Conditions for Safe Storage:</b>	Store in a cool, dry place. Store away from oxidising agents and foodstuff containers.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- |     |                                       |                                    |
|-----|---------------------------------------|------------------------------------|
| 8.1 | <b>National Exposure Standards:</b>   | Not exposure standard allocated.   |
| 8.2 | <b>Biological Limit Values:</b>       | No biological limit allocated.     |
| 8.3 | <b>Engineering Controls:</b>          | No engineering controls necessary. |
| 8.4 | <b>Personal Protective Equipment:</b> | Not required.                      |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Physical Description / Properties

- |  |                              |
|--|------------------------------|
| <b>Appearance:</b>                     | White to off-white soap bar. |
| <b>Odour:</b>                          | Characteristic odour.        |
| <b>pH:</b>                             | 9.5 to 10.5 for 1% solution. |
| <b>Viscosity (cP @ 25°C):</b>          | Not applicable.              |
| <b>Vapor Pressure:</b>                 | Not applicable.              |
| <b>Vapor Density:</b>                  | Not applicable.              |
| <b>Boiling Point (°C):</b>             | Not applicable.              |
| <b>Freezing Point (°C):</b>            | Not applicable.              |
| <b>Melting Point (°C):</b>             | Not applicable.              |
| <b>Solubility In Water (g/100 mL):</b> | Soluble.                     |
| <b>Specific Gravity (@ 25°C):</b>      | 1.1g/mL.                     |
| <b>Flash Point (°C):</b>               | Not determined.              |
| <b>Lower Explosive Limit (%):</b>      | Not applicable.              |
| <b>Upper Explosive Limit (%):</b>      | Not applicable.              |
| <b>Autoignition Temp (°C):</b>         | Not available.               |
| <b>Decomposition Temp (°C):</b>        | Not available.               |

## 10. STABILITY AND REACTIVITY

- |      |  |   |
|------|--|---|
| 10.1 | <b>Chemical Stability:</b>               | The product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. |
| 10.2 | <b>Conditions To Avoid:</b>              | Not relevant.   |
| 10.3 | <b>Incompatible Materials:</b>           | Strong Oxidizers.   |
| 10.4 | <b>Hazardous Decomposition Products:</b> | Carbon monoxide and acrid smoke.  |
| 10.5 | <b>Hazardous Reactions:</b>              | Not relevant.   |

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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:** This material may be discomforting to the gastro-intestinal tract. May produce diarrhoea, bloated stomach and occasional vomiting.

**Eye:** Discomforting to the eyes and is capable of causing a mild, temporary redness of the conjunctiva (similar to wind-burn).

**Skin:** The product is considered relatively harmless to the skin. Irritation and skin reactions are possible with sensitive skin.

**Inhalation:** Not normally a hazard due to non-volatile nature of the product.

#### Chronic

**Ingestion:** No known applicable information.

**Skin:** No known applicable information.

**Inhalation:** No known applicable information.

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.

## 13. DISPOSAL CONSIDERATIONS

13.1 Disposal Method: Single unit: Dispose of into landfill.  
Large amounts: 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 relevant.

14.2 UN Proper Shipping Name: Not relevant.

14.3 Dangerous Goods Class: Not relevant.

Packing Group: Not relevant.

14.4 Special Precautions for User: Not relevant.

14.5 HAZCHEM Code: Not relevant.

Additional Shipping Information: Not relevant.

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## 15. REGULATORY INFORMATION

- 15.1 SUSDP Poisons Schedule:** None allocated.
- 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:** 16<sup>th</sup> December 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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