PENTAL LIMITED TRADING AS PENTAL PRODUCTS PTY LTD

48 Drummond Road
Shepparton VIC 3630

Telephone : 03 5820 5200
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ABN 68 103 213 467

MATERIAL SAFETY DATA SHEETS

CLASSIFICATION OF MATERIAL

Not classified as hazardous according to criteria of the Hazardous Substances [Classification] Regulations 2001 (New Zealand).

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1	**Product:**	Huggie Sensitive Skin Fabric Softener
1.2	**UN Proper Shipping Name:**	None allocated
1.3	**Recommended Use:**	Fabric Softener
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
	Address (New Zealand):	Unit GE, 43 Omega Street, Rosedale, North Shore City, 0632
1.7	**Telephone Numbers:**	(03) 5820 5200 (Australia), +64 27 6999229 (New Zealand)
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:**	Non-hazardous Substance. Non-Dangerous Goods.
2.2	**HSNO Classification:**	Not applicable.
2.3	**Hazard Statements:**	No hazard statements.
2.4	**Prevention Statements:**	P102 Keep out of reach of children. P103 Read label before use. P104 Read Safety Data Sheet before use.
2.5	**Response Statements:**	No response statements.
2.6	**Storage Statements:**	No storage statements.
2.7	**Disposal Statements:**	P501 Dispose of waste material through a licensed contractor or facility.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion %
Water	7732-18-5	> 60
Cationic Surfactant	91995-81-2	< 10
Pearlising Agent	Proprietary	< 5
Alkyl Polyglucoside	Proprietary	< 5
Fragrance	Proprietary	< 1

Cationic Acrylic Polymer	Proprietary	< 1
Preservative	Proprietary	< 0.1

4. FIRST AID MEASURES

4.1 Description of Necessary First Aid Measures

Ingestion: Immediately remove product from the mouth and rinse mouth out with plenty of water. Drink 1 or 2 glasses of water (or milk). If a large amount swallowed, or symptoms develop, obtain medical attention.

Eye: Immediately hold the eyes open and wash with fresh running water for at least 15 minutes. 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. Seek medical attention.

Skin: Remove any contaminated clothing. Wash off with soap and water. If skin irritation occurs, seek medical attention.

Inhalation: Remove from source of exposure. Monitor symptoms and progress to assess the need for medical attention.

4.2 Medical Attention and Special Treatment

First Aid Facilities: No special facilities required.

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: Carbon dioxide, dry chemical powder, water spray or fog and foam may be used as extinguishing media. Water can be used to cool fire exposed containers.

5.2 Specific Hazards Arising From The Chemical: Non-flammable. On combustion, may emit traces of incompletely burned carbon compounds, chlorine compounds and oxides of sulphur, nitrogen, phosphorous and metals.

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. Fire fighters should wear self-contained breathing apparatus to minimise risk of exposure to vapour or products of combustion.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures: Avoid eye and skin contact. Determine whether to evacuate or isolate the area according to your local emergency plan. Caution, spill site may be slippery. 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 protective equipment recommendations described in this MSDS. Contain spill. If leaked material can be pumped, store recovered material in appropriate containers. Clean up remaining materials from spill with suitable absorbent. Dispose of saturated absorbent material or cleaning materials appropriately. 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 mists or vapour. Avoid skin and eye contact. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.
7.2	**Conditions for Safe Storage, Including Any Incompatibilities:**	Store in a cool, dry area, away from heat and out of direct sunlight. Store away from oxidising agents and strong acids.

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:**	No engineering controls necessary.
8.4	**Personal Protective Equipment:**	Not required.
	Respiratory:	Domestic quantities require no special equipment with normal careful use. When handling bulk quantities. Avoid breathing mists or vapours. Where ventilation is inadequate and mists or vapours 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.
	Skin:	Domestic quantities require no special equipment with normal careful use. Care should be taken with sensitive or damaged skin. 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:	Creamy pearlised liquid
Odour:	Characteristic odour
pH:	2.0 – 5.0
Viscosity (cP @ 25°C):	600 - 1000
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Boiling Point (ºC):	Not determined
Freezing Point (ºC):	Not determined
Melting Point (ºC):	Not determined
Solubility In Water (g/100 mL):	Soluble in all proportions
Specific Gravity (@ 25°C):	~1.0g/mL
Flash Point (ºC):	Not determined
Lower Explosive Limit (%):	Not determined
Upper Explosive Limit (%):	Not determined
Autoignition Temp (ºC):	Not determined
Decomposition Temp (ºC):	Not determined

10. STABILITY AND REACTIVITY

10.1	**Reactivity:**	Hazardous polymerisation will not occur.
10.2	**Chemical Stability:**	The product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
10.3	**Conditions To Avoid:**	Direct sunlight and heat.
10.4	**Incompatible Materials and Possible Hazardous Reactions:**	Strong oxidising agents and strong acids.
10.5	**Hazardous Decomposition Products:**	Thermal decomposition may result in release of oxides of carbon, nitrogen, phosphorous and sulphur.

11. TOXICOLOGICAL INFORMATION

11.1 Likely Route of Exposure: [ ] Inhalation [X] Skin contact [X] 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 nausea, vomiting, diarrhoea and gastrointestinal irritation.
Eye:	Direct contact may produce mild irritation to the eye causing some inflammation and lachrymation. Repeated or prolonged exposure 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:	Considered an unlikely route of entry in commercial/industrial environments. Inhalation hazard is increased at higher temperatures. Acute effects from inhalation of high concentrations of vapour are pulmonary irritation, including coughing, with nausea; central nervous system depression - characterised by headache and dizziness, increased reaction time, fatigue and loss of co-ordination.
	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.
11.3	**Other Information:**	No known applicable information.

12. ECOLOGICAL INFORMATION

12.1	**Ecotoxicity:**	Not data available.
12.2	**Persistence and Degradability:**	Biodegradable.
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 are predicted.

13. DISPOSAL CONSIDERATIONS

13.1	**Disposal Method:**	Single unit: Dispose of into landfill. Large amounts: Prevent drain or sewer contamination. Reclaim or dispose of in accordance with local, state and federal regulations.
13.2	**Disposal of Contaminated Packaging:**	Recycle or landfill.
13.3	**Environmental Regulations:**	Not relevant.

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.
14.5	**Special Precautions During Transport:**	Not applicable.
14.6	**HAZCHEM Code:**	Not applicable.
	Additional Shipping Information:	Not applicable.

15. REGULATORY INFORMATION

15.1	**Regulatory Information:**	All ingredients are listed on or exempt from the New Zealand Inventory of Chemicals (NZIoC).
15.2	**Group Standard:**	Not applicable.
15.3	**HSNO Approval Number:**	Not applicable.

16. OTHER INFORMATION

16.1	**Issue Date:**	29th April 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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