



MATERIAL SAFETY DATA SHEETS

Lux Flakes

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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:	Lux Flakes
1.2	UN Proper Shipping Name:	None allocated
1.3	Recommended Use:	Laundry Soap
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 %
Sodium Soap of Tallow and Coconut Oil	Proprietary	> 60
Moisture	7732-18-5	< 30
Glycerine	56-81-5	< 1
Fragrance	Proprietary	< 1
Sodium Chloride	7647-14-5	< 1
Etidronic Acid	2809-21-4	< 0.1

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Tetrasodium EDTA

64-02-8

< 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. Then provide water slowly and as much as casualty can comfortably drink. If discomfort persists or symptoms develop, seek medical attention.
Eye:	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.
Skin:	Not applicable for normal use. If skin reaction or irritation occurs, discontinue use and seek medical attention.
Inhalation:	If fumes or combustion products are inhaled, remove to fresh air.

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.
5.2 Specific Hazards Arising From The Chemical:	Non-flammable. On combustion, may emit toxic fumes of carbon monoxide (CO). May emit acrid smoke.
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:	Transfer material to a suitable labelled container for recycling or disposal.
6.2 Environmental Precautions:	Do not allow large quantities to enter drains or surface waters.
6.3 Methods and Materials for Containment and Clean Up:	Recover product and dispose of waste according to Federal, E.P.A., State and Local regulations.

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7. HANDLING AND STORAGE

- 7.1 **Precautions for Safe Handling:** 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 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:** No engineering controls necessary.
- 8.4 **Personal Protective Equipment:** Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 **Physical Description / Properties**
- Appearance:** White to off-white soap flakes.
- Odour:** Characteristic odour.
- pH:** 9.5 to 10.5 for 1% solution.
- Viscosity (cP @ 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 (g/100 mL):** Soluble.
- Specific Gravity (@ 25°C):** 1.1g/mL.
- Flash Point (°C):** Not determined.
- Lower Explosive Limit (%):** Not applicable.
- Upper Explosive Limit (%):** Not applicable.
- Autoignition Temp (°C):** Not available.
- Decomposition Temp (°C):** Not available.

10. STABILITY AND REACTIVITY

- 10.1 **Reactivity:** Not relevant.
- 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.
- 10.5 **Hazardous Decomposition Products:** Thermal decomposition may result in release of carbon monoxide and acrid smoke.

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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 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: 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.

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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:** 6th August 2013.
- 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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