



SAFETY DATA SHEETS**White King Stain-Lift****Version: 2****Issued: 22nd February 2013****Page 1 of 6**

CLASSIFICATION OF MATERIAL

Not 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:	White King Stain Lift
1.2 UN Proper Shipping Name:	None allocated
1.3 Recommended Use:	Pre-wash laundry stain remover
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

2.1 Hazard Classification:	Non-hazardous Substance. Non-Dangerous Goods.
2.2 GHS 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 %
Propylene Glycol	57-55-6	< 20
Disodium Tetraborate Decahydrate	1303-96-4	< 5
Isopropanolamine	78-96-6	< 5
Citric Acid	77-92-9	< 5
Preservative	Proprietary	< 1
Fragrance	Proprietary	< 1
Calcium Chloride	10043-52-4	< 1

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Amylase	9000-90-20	< 1
Subtilisin	9014-01-1	< 1
Ingredients determined not to be hazardous	-	Balance

4. FIRST AID MEASURES

4.1 Description of Necessary First Aid Measures

Ingestion:	Do not induce vomiting. Immediately remove product from the mouth, wash out mouth and drink one glass of water. If symptoms develop, seek 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. If symptoms develop, seek medical attention.
Skin:	Wash skin thoroughly with soap and water. If symptoms develop, seek medical attention.
Inhalation:	Remove from source of exposure to fresh air. If symptoms develop, seek medical attention.

4.2 Medical Attention and Special Treatment

First Aid Facilities:	An eye wash fountain, safety shower and a 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:	Under fire conditions this product may emit toxic and/or irritating fumes.
5.3 Special Protective Equipment 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.
5.4 Hazchem Code:	Not applicable

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:	Increase ventilation. Evacuate all unprotected personnel. Use full protective clothing and equipment to minimise exposure. Transfer material to a suitable labelled container for recycling or disposal.
6.2 Environmental Precautions	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.

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6.3 Methods and Materials for Containment and Clean Up:

Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protective equipment recommendations described in this MSDS. Minor Spills: Contain spill. Place inert absorbent material onto spillage. Collect material and place into clean, dry, suitable labelled containers. Laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. 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. Do not store or use in confined spaces. Avoid contact with skin and eyes. 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, well ventilated area, away from heat and out of direct sunlight. Keep well closed when not in use and securely sealed against physical damage. Inspect regularly for deficiencies, such as damage or leaks.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 National Exposure Standards: No value is assigned for this specific material by the National Occupational Health and Safety Commission (Australia). However, the available exposure limits for the ingredients Propylene Glycol (Vapour and Particulates) and Disodium Borate Decahydrate as listed in the "Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC: 1003 (1995)]" published by the National Occupational Health and Safety Commission (Australia) are as follows:

Ingredients

Propylene Glycol (Vapour and Particulates)
(CAS No. 57-55-6)

Disodium Borate Decahydrate
(CAS No. 1303-96-4)

Exposure Limits

Time Weighted Average (TWA): 474 mg/m³ (Peak limitation) and 150 ppm.

Time Weighted Average (TWA): 5 mg/m³ (Peak limitation)

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. Not required under normal conditions of use. However, under extreme circumstances, if engineering controls are not effective in controlling airborne exposure, then respiratory protection should be used 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.

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Eye	Domestic quantities require no special equipment with normal careful use. Avoid eye contact. Wear safety glasses or goggles or face shield if handling large quantities. Do not wear contact lenses. Ensure eyewash is available. Eye protection should conform to AS/NZS 1337 Eye protectors for industrial applications.
Skin	Domestic quantities require no special equipment with normal careful use. Wear gloves of impervious material. Refer to AS/NZS 2161.1 Occupational protective gloves – Selection use and maintenance.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical Description / Properties

Appearance:	Thin, pale yellow liquid.
Odour:	Characteristic odour
pH:	8 – 9
Viscosity	Not available
Vapor Pressure:	Not available
Vapor Density:	Not available
Boiling Point (°C):	> 100°C
Freezing Point (°C):	Not available
Melting Point (°C):	Not available
Solubility In Water:	Soluble
Specific Gravity (@ 25°C):	1.06
Flash Point (°C):	Not available
Flammability	Not combustible
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	Not known.
10.2 Chemical Stability:	The product is stable under normal ambient conditions of temperature and pressure.
10.3 Conditions To Avoid:	Direct sunlight and heat.
10.4 Incompatible Materials:	Strong oxidising agents.
10.5 Hazardous Decomposition Products:	Thermal decomposition may result in release of toxic and/or irritating fumes.
10.6 Hazardous Reactions:	Hazardous polymerisation will not occur.

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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:** May cause irritation of the gastrointestinal tract. Symptoms may include nausea and vomiting.
- Eye:** May cause eye irritation, resulting in lachrymation, stinging and redness.
- Skin:** May cause irritation in contact with the skin, causing redness, itching and irritation.
- Inhalation:** Inhalation of vapours may cause irritation of the nose, throat and respiratory system.
- Chronic**
- Ingestion:** Not available.
- Skin:** Repeated or prolonged exposure may cause irritation in individuals with sensitive skin.
- Inhalation:** Not available.
- 11.3 **Other Information:** No known applicable information.

12. ECOLOGICAL INFORMATION

- 12.1 **Ecotoxicity:** No data available.
- 12.2 **Persistence and Degradability:** Surfactants are readily biodegradable to AS4351.
- 12.3 **Bioaccumulation Potential:** No information available.
- 12.4 **Mobility in Soil:** No information available.
- 12.5 **Other Adverse Effects:** No information available.

13. DISPOSAL CONSIDERATIONS

- 13.1 **Disposal Method:** Reclaim or dispose of in accordance with local, state and federal regulations. Do not dump into sewers, onto ground, or into any body of water.
- 13.2 **Special Precautions for Landfill or Incineration:** Suitable for disposal at approved land waste site.

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 **Special Precautions for User:** Not applicable
- 14.5 **HAZCHEM Code:** Not applicable
- Additional Shipping Information:** Not applicable
- 14.6 **Air Transport (IATA):** Not classified as a dangerous good under transport regulations.

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15. REGULATORY INFORMATION

- | | |
|--|---|
| 15.1 SUSDP Poisons Schedule: | Not scheduled |
| 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 <i>Australia Inventory of Chemical Substances</i> (AICS). |

16. OTHER INFORMATION

- | | |
|---|---|
| 16.1 Issue Date: | 22 nd February 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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