



MATERIAL SAFETY DATA SHEETS**White King Power Foam****Version: 1****Issued: 25th January 2011****Page 1 of 6**

CLASSIFICATION OF MATERIAL

Classified as hazardous according to criteria of the National Occupational Health and Safety Commission (Australia)

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

- | | |
|---|--|
| 1.1 Product: | White King Power Foam |
| 1.2 UN Proper Shipping Name: | 1950 Aerosols |
| 1.3 Recommended Use: | Toilet cleaner |
| 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: | Hazardous Substance. Dangerous Goods Class 2.1. |
| 2.2 Risk Phrase(s): | R12 Extremely flammable.
R36 Irritating to eyes.
R67 Vapours may cause drowsiness and dizziness. |
| 2.3 Safety Phrases: | S2 Keep out of reach of children.
S15 Keep away from heat.
S16 Keep away from sources of ignition – No smoking.
S23 Do not breathe vapour or spray.
S25 Avoid contact with eyes.
S28 After contact with skin, wash immediately with plenty of soap and water.
S51 Use only in well ventilated areas. |

MATERIAL SAFETY DATA SHEETS

White King Power Foam

Version: 1 Issued: 24th January 2011

Page 2 of 6

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion %
Nonyl Phenol Ethoxylate	9016-45-9	< 10
Ethylene Glycol Monobutyl Ether	111-76-2	< 10
Dodecyl Dimethyl Benzyl Ammonium Chloride	139-07-1	0.3
Propane	74-98-6	6
Butane	106-97-8	4
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 and wash out mouth with plenty of water. Drink one glass of water. Obtain immediate 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. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or at least 15 minutes. Obtain medical attention.
Skin:	Remove contaminated clothing and wash skin gently and thoroughly with water and non-abrasive soap. If symptoms develop, seek medical attention.
Inhalation:	Remove from source of exposure. 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 Media:	Use appropriate fire extinguisher for surrounding environment.
5.2 Hazards From Combustion Products:	Extremely flammable. Closed containers exposed to heat from fire may build pressure and explode. Vapours may travel long distances along the ground or floor to an ignition source and flash back.
5.3 Special Protective Precautions and Equipment 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

MATERIAL SAFETY DATA SHEETS

White King Power Foam

Version: 1 Issued: 24th January 2011

Page 3 of 6

6. ACCIDENTAL RELEASE MEASURES

- 6.1 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. Wash contaminated surfaces well with water. 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.
- 6.2 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. Mop up material and place into clean, dry, labelled steel containers and close lids tightly. Hose down residues or minor spills with water and soap. 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. Build up of vapours in the atmosphere must be prevented. Avoid contact with 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:** Store in a cool, dry, well ventilated area, away from heat and out of direct sunlight. Keep away from sparks, open flames, pilot lights and other sources of ignition. 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 Propane and Butane 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

Propane
(CAS No. 74-98-6)

Butane
(CAS No. 106-97-8)

Exposure Limits

Asphyxiant

Time Weighted Average (TWA): 1900 mg/m³ (Peak limitation) and 800 ppm.

Short Term Exposure Limit (STEL): - mg/m³ and - ppm.

- 8.2 Biological Limit Values:**

No biological limit allocated.

- 8.3 Engineering Controls:**

Ensure adequate ventilation.

MATERIAL SAFETY DATA SHEETS

White King Power Foam

Version: 1 Issued: 24th January 2011

Page 4 of 6

8.4 Personal Protective Equipment:

Respiratory

Domestic quantities require no special equipment with normal careful use. When handling bulk quantities. Avoid breathing vapour or spray. Where ventilation is inadequate, 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. 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 with AS/NZS 1337 Eye protectors for industrial applications.

Skin

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:	Liquid aerosol foam.
Odour:	Characteristic odour
pH:	9
Viscosity	Not available
Vapor Pressure:	200 psig@100°F Max.
Vapor Density:	Not available
Boiling Point (°C):	Approx. 100°C (liquid)
Freezing Point (°C):	Not available
Melting Point (°C):	Not available
Solubility In Water:	Soluble
Specific Gravity (@ 25°C):	Approx. 1 (liquid)
Flash Point (°C):	< 0°C
Flammability	Extremely flammable.
Lower Explosive Limit (%):	2.1 (Propane)
Upper Explosive Limit (%):	9.5 (Propane)
Autoignition Temp (°C):	Not available
Decomposition Temp (°C):	Not available

MATERIAL SAFETY DATA SHEETS

White King Power Foam

Version: 1 Issued: 24th January 2011

Page 5 of 6

10. STABILITY AND REACTIVITY

- 10.1 Chemical Stability:** The product is stable under normal ambient conditions of temperature and pressure.
- 10.2 Conditions To Avoid:** Sparks, flames and other ignition sources. Direct sunlight and heat.
- 10.3 Incompatible Materials:** Not known.
- 10.4 Hazardous Decomposition Products:** Not known.
- 10.5 Hazardous Reactions:** Hazardous polymerisation will not occur.

11. TOXICOLOGICAL INFORMATION

- 11.1 Likely Route of Exposure:** Inhalation Skin contact Ingestion
- 11.2 Health Effects From Likely Route of Exposure:**
- Acute**
- Ingestion:** Ingestion of this product may cause irritation of the mouth and gastrointestinal tract.
- Eye:** Eye contact will result in irritation.
- Skin:** Contact with skin may cause irritation.
- Inhalation:** Inhalation of vapours may cause drowsiness and dizziness.
- Chronic**
- Ingestion:** Not available.
- Skin:** Not available.
- Inhalation:** Not available.
- 11.3 Other Information:** No known applicable information.

12. ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** No data available.
- Bioaccumulation:** No information available.
- 12.2 Environmental Fate and Distribution:** No information available.
- 12.3 Fate and Effects in Waste Water Treatment Plants:** No information available.

13. DISPOSAL CONSIDERATIONS

- 13.1 Disposal Method:** Reclaim or dispose of in accordance with local, state and federal regulations.
- 13.2 Special Precautions for Landfill or Incineration:** Performed in accordance with the Hazardous Substances (Disposal) Regulations 2001.

MATERIAL SAFETY DATA SHEETS

White King Power Foam

Version: 1 Issued: 24th January 2011

Page 6 of 6

14. TRANSPORTATION INFORMATION

14.1	UN Number:	1950
14.2	UN Proper Shipping Name:	Aerosols
14.3	Dangerous Goods Class:	2.1
	Packing Group:	Not allocated
14.4	Special Precautions for User:	Extremely flammable
14.5	HAZCHEM Code:	Not allocated
	Additional Shipping Information:	Classified as a Class 2.1 (Flammable gases) Dangerous Good by the Australian Code for Transport of Dangerous Goods by Road or Rail. Dangerous Goods of Class 2.1 (Flammable gases) are incompatible in a placard load with any of the following: Class 1, Class 4.1, Class 4.2, Class 4.3, Class 5.1, Class 5.2, Class 6 and Class 8.

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:	25 th January 2011
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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