



MATERIAL SAFETY DATA SHEETS

**White King Power Clean Flushable
Toilet Wipes****Version: 1 Issued: 1st February 2011 Page 1 of 6**

CLASSIFICATION OF MATERIAL

Not 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 Clean Flushable Toilet Wipes
1.2 **UN Proper Shipping Name:** None allocated
1.3 **Recommended Use:** Toilet cleaning wipe
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 **Risk Phrase(s):** Nil.
2.3 **Safety Phrases:** S2 Keep out of reach of children.
S25 Avoid contact with eyes.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion %
Ethanol	64-17-5	10 - 30
Quaternary Ammonium Compounds, Benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	< 5
Fragrance	Proprietary	< 1
Ingredients determined not to be hazardous	-	Balance

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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. 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. Seek medical attention.
- Skin:** Wash skin thoroughly with water and non-abrasive soap. 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 Media:** Use appropriate fire extinguisher for surrounding environment.
- 5.2 Hazards From Combustion Products:** Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide, carbon dioxide and hydrogen chloride.
- 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

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Emergency Procedures:** Use appropriate protective clothing and equipment to minimise exposure. Transfer material to a suitable labelled container for recycling or disposal. Do not allow the product to enter surface water or ground 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.

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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. 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:

Avoid contact with skin and eyes. Avoid breathing vapour or spray mist. 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 well closed when not in use.

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 ingredient Ethanol 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

Ethanol
(CAS No. 64-17-5)

Exposure Limits

Time Weighted Average (TWA): 1880 mg/m³ (Peak limitation) and 1000 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.

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. Avoid breathing vapours, mists and sprays. Where ventilation is inadequate and mists or vapours are generated the use of a respirator is recommended. 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. 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 with 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.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical Description / Properties

Appearance:	White wipe impregnated with clear liquid.
Odour:	Characteristic odour
pH:	5 – 7
Viscosity	Not available
Vapor Pressure:	Not available
Vapor Density:	Not available
Boiling Point (°C):	Not available
Freezing Point (°C):	Not available
Melting Point (°C):	Not available
Solubility In Water:	Not available
Specific Gravity (@ 25°C):	Not available
Flash Point (°C):	180°C
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 Chemical Stability:	The product is stable under normal ambient conditions of temperature and pressure.
10.2 Conditions To Avoid:	Direct sunlight and heat.
10.3 Incompatible Materials:	Not applicable
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:	May cause irritation of the gastrointestinal tract, symptoms may include nausea, vomiting and diarrhoea.
Eye:	May cause eye irritation, resulting in stinging and redness.
Skin:	May cause slight irritation, which may result in redness.
Inhalation:	May cause irritation of the mucous membrane and upper airways, especially if the material is heated or mists are generated.

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Chronic

Ingestion: Not available.

Skin: Repeated or prolonged exposure may cause irritation in individuals with sensitive skin and possibly dermatitis.

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. 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

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 *Australia Inventory of Chemical Substances (AICS)*.

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16. OTHER INFORMATION

- 16.1 Issue Date:** 1st February 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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