



MATERIAL SAFETY DATA SHEETS

Janola Household Wipes

Version: 2

Issued: 11th March 2014Page 1 of 6

CLASSIFICATION OF MATERIAL

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:	Janola Household Wipes
1.2	UN Proper Shipping Name:	None allocated
1.3	Recommended Use:	Wipe for household hard surfaces
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:	Hazardous Substance. Non-Dangerous Goods.
2.2	HSNO Classification:	6.4A Substance that is irritating to the eyes. 9.1D Substance that is slightly harmful to the aquatic environment or is otherwise designed for biocidal action.
2.3	Hazard Statements:	H320 Causes eye irritation. H402 Harmful to aquatic life.
2.4	Prevention Statements:	P102 Keep out of reach of children. P103 Read label before use. P104 Read Safety Data Sheet before use. P264 Wash hands and skin thoroughly after handling. P273 Avoid release to the environment.
2.5	Response Statements:	P305+P351+P338, P337+P313 If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
2.6	Storage Statements:	No storage statements.
2.7	Disposal Statements:	P501 Dispose of waste material through a licensed contractor or facility.

MATERIAL SAFETY DATA SHEETS

Janola Household Wipes

Version: 2 Issued: 11th March 2014

Page 2 of 6

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion %
Ethanol	64-17-5	10 - 30
2-Methylpropan-2-ol	75-65-0	< 10
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. If symptoms develop, obtain 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:	Wash skin thoroughly with soap and water. If symptoms develop, obtain medical attention.
Inhalation:	Remove from source of exposure. Keep at rest until recovered. If symptoms persist, obtain 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:	This material may decompose and produce toxic and/or irritating fumes under fire conditions, including carbon dioxide and carbon monoxide.
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. Self-containing breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.

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. Increase ventilation. Evacuate all unprotected personnel. Use full protective clothing and equipment to minimise exposure.
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MATERIAL SAFETY DATA SHEETS

Janola Household Wipes

Version: 2 Issued: 11th March 2014

Page 3 of 6

- 6.2 Environmental Precautions:** If a large quantity of this material enters the environment, contact the relevant regulatory authorities. Dispose of waste according to the New Zealand Hazardous Substances (Disposal) Regulations 2001.
- 6.3 Methods and Materials for Containment and Clean Up:** Observe all personal protective equipment recommendations described in this MSDS. Sweep up the material and place into clean, dry, suitable labelled containers and close lids tightly. Wash contaminated surfaces well with soap and water. 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 in vapour. Avoid skin and eye contact. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking, smoking or using toilet facilities.
- 7.2 Conditions for Safe Storage, Including Any Incompatibilities:** Store in a cool, dry, well ventilated area, away from moisture and out of direct sunlight. Store in labelled containers. Keep containers tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 National Exposure Standards:** No exposure standards have been established for this material by the Occupational Safety and Health Service (OSH) of the New Zealand Department of Labour. However, exposure standards for ingredients as defined by the Occupational Safety and Health Service (OSH) Workplace Exposure Standards and Biological Indices (December 2010) are stated below:
- | Ingredients | Exposure Limits |
|--|---|
| Ethyl alcohol
(CAS No. 64-17-5) | Time Weighted Average (TWA): 1880 mg/m ³ and 1000 ppm.
Short Term Exposure Limit (STEL): - mg/m ³ and - ppm. |
| 2-Methylpropan-2-ol
(CAS No. 75-65-0) | Time Weighted Average (TWA): 303 mg/m ³ and 100 ppm.
Short Term Exposure Limit (STEL): 455 mg/m ³ and 150 ppm. |
- 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. 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:** Eye protection is not required under normal conditions of use. However, if there is a risk of eye splashes or product entering the eye, safety glasses with side shields or face shield, should be worn. Eye protection should conform with AS/NZS 1337 Eye protectors for industrial applications.

MATERIAL SAFETY DATA SHEETS

Janola Household Wipes

Version: 2 Issued: 11th March 2014

Page 4 of 6

Skin: 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:	Blue and white wipes moistened with clear liquid.
Odour:	Not available
pH:	6.5 – 8.5
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:	Soluble
Specific Gravity (@ 25°C):	0.96 – 0.99
Flash Point (°C):	Not available
Flammability	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:	Hazardous polymerisation will not occur.
10.2 Chemical Stability:	The product is stable under normal ambient conditions of temperature and pressure.
10.3 Conditions To Avoid:	Extremes of temperature.
10.4 Incompatible Materials:	Not available.
10.5 Hazardous Decomposition Products:	Thermal decomposition may result in the release of toxic and/or irritating fumes, including carbon monoxide and carbon dioxide.

MATERIAL SAFETY DATA SHEETS

Janola Household Wipes

Version: 2 Issued: 11th March 2014

Page 5 of 6

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 to the mouth, oesophagus and stomach. Symptoms may include nausea and vomiting.
- Eye:** Will cause irritation in contact with the eyes, which may result in redness, itching and lachrymation.
- Skin:** May cause irritation in contact with the skin, resulting in redness and possible dermatitis.
- Inhalation:** Inhalation of vapours may cause irritation to the mucous membrane and respiratory system.
- Chronic**
- Ingestion:** Not available.
- Skin:** Prolonged or repeated skin contact may lead to dermatitis in some individuals.
- Inhalation:** Not available.
- 11.3 **Toxicology:** No toxicity data are available for this specific product.

12. ECOLOGICAL INFORMATION

- 12.1 **Ecotoxicity:** Slightly harmful to the aquatic environment.
- 12.2 **Persistence and Degradability:** No information available.
- 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 the New Zealand Hazardous Substances (Disposal) Regulations 2001.
- 13.2 **Disposal of Contaminated Packaging:** Empty container. Rinse container, remove or obliterate labelling before sending to landfill or recycler.
- 13.3 **Environmental Regulations:** Performed in accordance with the New Zealand Hazardous Substances (Disposal) Regulations 2001.

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:** Substance that is slightly harmful to the aquatic environment or is otherwise designed for biocidal action.
- 14.5 **Special Precautions for User:** Not applicable

MATERIAL SAFETY DATA SHEETS

Janola Household Wipes

Version: 2 Issued: 11th March 2014

Page 6 of 6

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: Cleaning Products (Subsidiary Hazard) Group Standard 2006
15.3 HSNO Approval Number: HSR002530

16. OTHER INFORMATION

16.1 Issue Date: 11th March 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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