



MATERIAL SAFETY DATA SHEETS

Janola Power Clean Marble Citrus
Cistern Block

Version: 3

Issued: 14th March 2014

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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 Power Clean Marble Citrus Cistern Block |
| 1.2 | UN Proper Shipping Name: | None allocated |
| 1.3 | Recommended Use: | Toilet bowl cleaner |
| 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 Number: | (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: | 6.1E Substance that is acutely toxic (oral).
6.3A Substance that is irritating to the skin.
8.3A Substance that is corrosive to ocular tissue.
9.1D Substance that is slightly harmful in the aquatic environment or are otherwise designed for biocidal action.
9.3C Substance that is harmful to terrestrial vertebrates. |
| 2.3 | Hazard Statements: | H303 May be harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H413 May cause long lasting harmful effects to aquatic life.
H433 Harmful to terrestrial vertebrates. |
| 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.
P280 Wear protective gloves, eye protection and face protection. |

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- 2.5 Response Statements:** P101 If medical advice is needed, have product container or label at hand. P301+P312, P330, P331 If swallowed: call a Poison Centre or doctor if you feel unwell. Rinse mouth. Do NOT induce vomiting. P302+P352, P332+P313, P362 If on skin: wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash before re-use. P305+P351+P338, P310 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Centre or doctor.
- 2.6 Storage Statements:** None.
- 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 %
Benzenesulphonic Acid, Mono-C10-13-Alkyl Derivs., Sodium Salts	68411-30-3	30 - 60
Fragrance	Proprietary	5 - 10
Disodium Tetraborate	1330-43-4	< 5
Sodium Dichloroisocyanurate Dihydrate	51580-86-0	< 5
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. 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. Remove contact lenses, if present and safe to do so. 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 immediate medical attention.
- Skin:** Remove contaminated clothing and wash skin thoroughly with soap and running water. Ensure contaminated clothing is washed before re-use, or discard. If symptoms develop, seek medical attention.
- Inhalation:** Remove from source of exposure. Ensure airways are clear and have a qualified person give oxygen through a face mask if breathing is difficult. If symptoms develop, seek medical attention.

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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:

Non-combustible.

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. 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.

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.

6.2 Environmental Precautions:

Prevent run off into drains and waterways. 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. Shovel or sweep up material avoiding dust generation, or dampen material to avoid airborne dust. 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, 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. Avoid generating dust. Avoid contact with the skin and eyes. Any exposure without protection should be prevented. 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 direct sunlight and moisture. Keep well closed when not in use and securely sealed against physical damage. Store away from strong oxidising agents and acids.

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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

Disodium Tetraborate
(CAS No. 1330-43-4)

Exposure Limits

Time Weighted Average (TWA): 1 mg/m³ (Peak limitation)
and - 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. If dust is generated, 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 dust. Where ventilation is inadequate and dust is 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

Wear safety glasses or goggles or face shield. 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.

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:

White/yellow solid.

Odour:

Citrus with slight odour of chlorine.

pH:

6.0 – 8.0

Viscosity

Not applicable

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 (slowly)

Specific Gravity (@ 25°C):

Not available

Flash Point (°C):

Not available

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Flammability	Not available
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 and direct sunlight.
10.4	Incompatible Materials:	Strong oxidising agents and strong acids.
10.5	Hazardous Decomposition Products:	Chlorine.

11. TOXICOLOGICAL INFORMATION

11.1	Likely Route of Exposure:	<input type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Skin contact	<input type="checkbox"/> Ingestion
11.2	Health Effects From Likely Route of Exposure:			
	Acute			
	Ingestion:	Harmful if swallowed. Ingestion of this product will irritate the gastric tract, causing nausea and vomiting.		
	Eye:	Risk of serious damage to eyes. On eye contact this product will cause stinging, blurring, lachrymation, severe pain and possible permanent corneal damage.		
	Skin:	Irritating to skin. Skin contact will cause redness and itching.		
	Inhalation:	Inhalation of vapours or dust may cause irritation of the nose, throat and respiratory system.		
	Chronic			
	Ingestion:	Not available.		
	Skin:	Repeated or prolonged skin contact may cause dermatitis due to defatting effect.		
	Inhalation:	Not available.		
11.3	Other Information:	No known applicable information.		

12. ECOLOGICAL INFORMATION

12.1	Ecotoxicity:	Slightly harmful in the aquatic environment. Harmful to terrestrial vertebrates.
12.2	Persistence and Degradability:	No information available.
12.3	Bioaccumulation Potential:	No information available.
12.4	Mobility:	No information available.
12.5	Other Adverse Effects:	Avoid contaminating waterways. Do not discharge the product into drains or sewers.

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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:** Slightly harmful in the aquatic environment. Harmful to terrestrial vertebrates.
- 14.5 **Special Precautions for User:** Not applicable
- 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:** 14th 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:

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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