



MATERIAL SAFETY DATA SHEETS

Janola Premium Bleach Tablets – Regular Version: 2 Issued: 11th March 2014 Page 1 of 7

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 Premium Bleach Tablets - Regular
- 1.2 **UN Proper Shipping Name:** 3077 - Environmentally hazardous Substance, Solid, N.O.S
(Sodium dichloroisocyanurate dihydrate)
- 1.3 **Recommended Use:** Disinfecting Tablets
- 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.
- 2.2 **HSNO Classification:** 6.1D Substance that is acutely toxic (oral).
6.4A Substance that is irritating to the eye.
9.1A Substance that is very toxic to the aquatic environment (Fish/Crustaceans/Algal).
9.3C Substance that is harmful to terrestrial vertebrates.
- 2.3 **Hazard Statements:** H302 Harmful if swallowed.
H319 Causes serious eye irritation.
H401 Toxic 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.
P270 Do not eat, drink or smoke when using this product.
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.
P310 Immediately call a poison centre or doctor.
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 If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- 2.6 Storage Statements:** P405 Store locked up.
- 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 %
Sodium dichloroisocyanurate dihydrate	51580-86-0	> 60
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 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 thoroughly with plenty of soap and running water. Ensure contaminated clothing is washed before re-use, or discard. If irritation occurs, 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.

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5. FIRE FIGHTING MEASURES

- 5.1 **Suitable Extinguishing Equipment:** CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- 5.2 **Specific Hazards Arising From The Chemical:** This product is not combustible. Thermal decomposition may result in the release of toxic and/or irritating fumes, including chlorine, oxides of carbon and sulphur.
- 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.
- 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. 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:** Wear suitable protective clothing, gloves and eye/face protection when mixing or using. Use in a well ventilated area. Avoid breathing in dust. Avoid skin and eye contact. Any exposure without protection should be prevented. 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 corrosion-resistant containers. Keep containers tightly closed. Store away from acids and materials that support combustion.

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.
- 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.

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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 dusts are generated, respiratory protective equipment should be used suitable for protecting against dust/particulates. 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, as material is a solid. 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.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical Description / Properties

Appearance:

Solid block.

Odour:

Characteristic

pH:

Slightly acidic.

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):

Not available

Flash Point (°C):

Not available

Flammability

Not flammable or combustible

Lower Explosive Limit (%):

Not available

Upper Explosive Limit (%):

Not available

Autoignition Temp (°C):

Not available

Decomposition Temp (°C):

Not available

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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:** Extreme of temperature and moisture. Direct sunlight.
- 10.4 Incompatible Materials:** Strong oxidising agents and strong acids.
- 10.5 Hazardous Decomposition Products:** Thermal decomposition may result in the release of toxic and/or irritating fumes, including oxides of carbon and sulphur.

11. TOXICOLOGICAL INFORMATION

- 11.1 Likely Route of Exposure:** Inhalation Skin contact Ingestion
- 11.2 Health Effects From Likely Route of Exposure:**
- Acute**
- Ingestion:** Harmful if swallowed. May cause irritation to the mouth, oesophagus and stomach. Symptoms may include nausea, vomiting and abdominal pain.
- Eye:** Corrosive to ocular tissue. Will cause irritation in contact with the eyes, which may result in redness, itching and lachrymation.
- Skin:** Will cause irritation in contact with the skin, which may result in redness and possible dermatitis.
- Inhalation:** Inhalation of dust may cause irritation to the mucous membrane and upper airways. Symptoms may include headaches and breathing difficulties.
- Chronic**
- Ingestion:** Not available.
- Skin:** Prolonged or repeated skin contact may lead to dermatitis in some individuals.
- Inhalation:** Chronic exposure by inhalation may aggravate existing respiratory disorders.
- 11.3 Toxicology:** LD50 rat 1400 mg/kg (oral)

12. ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Very toxic to the aquatic environment.
EC50 0.196 mg/L (daphnia)
- 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:** Avoid contaminating waterways. Do not discharge the product into drains or sewers.

13. DISPOSAL CONSIDERATIONS

- 13.1 Disposal Method:** Reclaim or dispose of in accordance with the New Zealand Hazardous Substances (Disposal) Regulations 2001.

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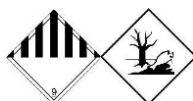
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- 13.2 Disposal of Contaminated Packaging:** Empty container. Rinse container, remove or obliterate labelling before sending to landfill or recycler.
- 13.3 Environmental Regulations:** Performed in accordance with the New Zealand Hazardous Substances (Disposal) Regulations 2001.

14. TRANSPORTATION INFORMATION

- 14.1 UN Number:** 3077
- 14.2 UN Proper Shipping Name:** Environmentally hazardous Substance, Solid, N.O.S (Sodium dichloroisocyanurate dihydrate)
- 14.3 Dangerous Goods Class:** 9
- Packing Group:** III
- 14.4 Environmental Hazards:** Substance that is very toxic to the aquatic environment (Fish/Crustaceans/Algae). Substance that is harmful to terrestrial vertebrates.
- 14.5 Special Precautions for User:** May release dangerous gases (chlorine) if mixed with water.
- 14.6 HAZCHEM Code:** 4WE
- Additional Shipping Information:**



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 11 26
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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