



MATERIAL SAFETY DATA SHEETS

Hi Speed Hot Iron Cleaner**Version: 1****Issued: 19th August 2009****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:	Hi Speed Hot Iron Cleaner
1.2 UN Proper Shipping Name:	Not Applicable
1.3 Recommended Use:	Iron 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:	Non-Hazardous Substance. Non-Dangerous Goods
2.2 Risk Phrase(s):	Nil
2.3 Safety Phrases:	Nil

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion %
Sorbitol	50-70-4	30 to 60
Lanolin (Anhydrous)	8006-54-0	10 to 30
DEA Oleth-3 Phosphate	58855-63-3	10 to 30
Calcium Carbonate	471-34-1	< 10
Water	7732-18-5	< 10
Sodium Hydroxide	1310-73-2	< 1.0
Titanium Dioxide	13463-67-7	< 0.1

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4. FIRST AID MEASURES

4.1 Description of Necessary First Aid Measures

Ingestion:	Immediately remove product from mouth and rinse out with plenty of water. Drink 1 or 2 glasses of water. If irritation develops and persists, obtain medical attention.
Eye:	Immediately hold the eye open and wash with fresh running water. Ensure complete irrigation of the eye by keeping the eyelids apart and away from the eye and moving the eyelids by occasionally lifting upper and lower lids. If symptoms develop and persist, seek medical attention.
Skin:	Wash accidental spillage from skin with soap and water.
Inhalation:	Not applicable.

4.2 Medical Attention and Special Treatment

First Aid Facilities:	Eye wash station.
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:	Non-flammable. Use appropriate extinguishing media for the surrounding environment.
5.2 Hazards From Combustion Products:	Carbon oxides and traces of incompletely burned carbon compounds. May release toxic vapours.
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:	Avoid eye contact. Do not allow large quantities to enter drains or surface waters.
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. If leaked material can be pumped, store recovered material in appropriate container(s). Shovel and mop up spill and wash area with large volumes of 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.

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7. HANDLING AND STORAGE

- 7.1 Precautions for Safe Handling:** Avoid eye contact. Use with adequate ventilation. 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, out of direct sunlight. Store away from incompatible materials such as oxidising agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 National Exposure Standards:** No exposure standard allocated
- 8.2 Biological Limit Values:** No biological limit allocated.
- 8.3 Engineering Controls:** No special engineering controls required.
- 8.4 Personal Protective Equipment:**
- Respiratory** Product requires no special equipment with normal use.
- Eye** Avoid eye contact. 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.
- Skin** Domestic quantities require no special equipment. For large quantities, wear chemical resistant gloves, coveralls and enclosed footwear.

9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Physical Description / Properties**
- Appearance:** Opaque, pale straw coloured paste.
- Odour:** Characteristic odour
- pH:** 6.0 – 7.0
- Viscosity (cP @ 25°C):** Not applicable
- Vapor Pressure:** Not determined
- Vapor Density:** Not applicable
- Boiling Point (°C):** Not determined
- Freezing Point (°C):** Not determined
- Melting Point (°C):** Not determined
- Solubility In Water (g/100 mL):** Soluble in water
- Specific Gravity (@ 25°C):** Not determined
- Flash Point (°C):** Not applicable
- Lower Explosive Limit (%):** Not applicable
- Upper Explosive Limit (%):** Not applicable
- Autoignition Temp (°C):** Not applicable
- Decomposition Temp (°C):** Not determined

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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:** Not applicable.
- 10.3 Incompatible Materials:** Oxidising agents.
- 10.4 Hazardous Decomposition Products:** Combustion may produce oxides of carbon and toxic vapours.
- 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: Low ingestion hazard in normal use. Considered an unlikely route of entry in commercial/industrial environments. May cause irritation if swallowed in large quantities. Symptoms may include nausea, vomiting, diarrhoea and possibly gastric irritation.

Eye: Direct contact may produce slight irritation to the eye causing some inflammation and lachrymation.

Skin: No effect expected from exposure. Irritation may occur in susceptible individuals.

Inhalation: Not harmful by inhalation.

Chronic

Ingestion: No known applicable information.

Eye: No known applicable information.

Skin: Repeated or prolonged exposure may cause irritation in susceptible individuals.

Inhalation: No known applicable information.

11.3 Other Information: No known applicable information.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity: No information 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.

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13. DISPOSAL CONSIDERATIONS

- 13.1 Disposal Method:** Single unit: Wash with plenty of water.
Large amounts: Prevent drain or sewer contamination.
Reclaim or dispose of in accordance with local, state and federal regulations.
- 13.2 Special Precautions for Landfill or Incineration:** None known.

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 applicable.
- 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)*.

16. OTHER INFORMATION

- 16.1 Issue Date:** 19th August 2009
- 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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