



CHATOYER ENVIRONMENTAL MATERIAL SAFETY DATA SHEET



MATERIAL SAFETY DATA SHEET

This Material Safety Data Sheet was created in accordance with the National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)] and complies with the GHS for the Classification and Labelling of Chemicals. Although this product is not classed as hazardous, this safety data sheet has been provided to facilitate workplace risk assessments and training.

Date of Issue: November 2005

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

- 1.1 Product Name:** Mineral Sponge
Unique Reference #: CH3400
Other Names: None
- 1.2 Manufacturer Name:** RESOURCE REFINERIES LTD
Link Road
Waharoa 2272 New Zealand.
- 1.3 Recommended Use:** Universal Loose absorbant
- 1.4 Emergency Tel. #** 61 2 9894 1100

2. HAZARDS IDENTIFICATION

Not classified as hazardous or dangerous in accordance with ASCC [NOHSC:1008(2004)], [NOHSC:1005(1999)], [ADG Code 6th Ed.].

3. COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 Substance:** Zeolites (Clinoptilolite + Mordenite)
Content: 40-75%
CAS No.:
- 3.2 Substance:** Semectite
Content: 10-30%
CAS No.:
- 3.3 Substance:** Opal C
Content: 15-30%
CAS No.:

4. FIRST AID MEASURES

- 4.1 Eye Contact:** If dust enters the eyes, flush with plenty of water for at least 15 minutes, ensuring eye lids are held open. If irritation persists, transport to hospital or doctor.
- 4.2 Skin Contact:** If dust is falls onto the skin, remove any contaminated clothing and wash skin thoroughly with soap and water. If irritation persists transport to hospital or doctor.
- 4.3 Ingestion:** If swallowed, **DO NOT** induce vomiting. Give 3 to 4 glasses of water to drink. If irritation persists transport to hospital or doctor.
- 4.4 Inhalation** Move victim to fresh air. Apply resuscitation if victim is not breathing. Immediately call emergency personnel for help.
- 4.5 First Aid Facilities** Eye wash fountain, safety shower and normal wash room facilities.
- 4.6 Advise to Doctor** The chemical of exposure is sodium carbonate, which is alkaline in solution. Treat symptomatically as for strong alkalis.



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5. FIRE FIGHTING MEASURES

5.1 Suitable Extinguishing Media:

Suitable: Extinguish using water spray, carbon dioxide, dry chemical powder or foam.

Unsuitable: No restrictions

5.2 Hazards from Combustion Products:

No data available

5.3 Precautions for Fire Fighters and Special Protective Equipment:

Fire fighters to wear self contained breathing apparatus if risk of exposure to products or decomposition.

5.4 Hazchem Code:

None Allocated

6. ACCIDENTAL RELEASE MEASURES

6.1 Emergency Procedures: Prevent large spills for entering sewer systems, waterways, etc.

6.2 Methods and Materials for Containment and Clean Up Procedures

Wear Appropriate protective equipment. Mop up using a suitable absorbent material. Collect and seal in properly labeled containers for disposal. Wash down area with excess water.

Small Spills: As per above

Large Spills: As per above

7. HANDLING & STORAGE:

7.1 Precautions for Safe Handling: No special handling requirements. Always wash hands after use

7.2 Conditions for Safe Storage: Normal storage in plastic or polyethylene containers or in bags as supplied. Store in temperatures of between 0-45° Celsius. Keep dry. Do not store near strong oxidisers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 National Exposure Standards:

No data available

8.2 Biological Limits: No data available

8.3 Engineering Controls: Normal Ventilation adequate

8.4 Personal Protection Equipment

Eye Protection: Not Applicable

Skin Protection: Not Applicable

Respiratory Protection: Not Applicable

Other Protection: Not Applicable

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Appearance: Cream coloured granules

9.2 Odour: Nil

9.3 pH: Not Applicable

9.4 Vapour Pressure Not Applicable

9.5 Vapour Density: Not Applicable

9.6 Boiling Point: Not Applicable

9.7 Melting Point: Not Applicable

9.8 Solubility: Insoluble

9.9 Density: Not Applicable



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9.10 Additional

Information:

Flash Point:	No data available
Auto-Ignition Point:	No data available
L.E.L.:	No data available
U.E.L.:	No data available
Percent Volatiles:	Nil
Particle Size Range:	No data available
Flame Propagation:	Not flammable
Potential for Dust	No data available
Explosion:	

10. STABILITY & REACTIVITY

10.1 Chemical Stability:	Stable under normal and anticipated storage and handling conditions.
10.2 Conditions to Avoid:	Not Relevant
10.3 Incompatible Materials:	Volatile Corrosives
10.4 Hazardous Reactions:	Not Relevant
10.5 Hazardous Decomposition Products:	Not Relevant

11. TOXICOLOGY INFORMATION

11.1 Acute Health Effects:	
11.2 Chronic Health Effects:	No known long term side effects from use
11.3 Health Effects from Likely Routes of Exposure	
Swallowed:	Material is inert however is highly absorbent and could cause dehydration if large amounts are consumed
Eye:	May cause mechanical irritation to the eyes
Skin:	May cause mild irritation to the skin.
Inhaled:	Inhalation of dust may cause irritation to the respiratory tract. Symptoms of excessive inhalation of dust may include coughing and difficulty in breathing. Excessive contact is known to cause damage to the nasal passages.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity:	No data available
12.2 Persistence / Degradability:	Not biodegradable
12.3 Mobility:	No data available
12.4 Additional Information:	No data available

13. DISPOSAL CONSIDERATIONS

13.1 Disposal Methods:	As per local regulations
Special Precautions for Landfill or Incineration:	No data available



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14. TRANSPORT INFORMATION:

14.1 UN Number:	None Allocated
14.2 UN Proper Shipping Name:	Hydrated Coir pith fibre
14.3 UN Class & Subsidiary Risk:	None Allocated
14.4 UN Packaging Group:	None Allocated
14.4 Special Precautions for User:	None Allocated
14.6 Hazchem Code:	None Allocated
14.7 Export Information:	None Allocated

15. REGULATORY INFORMATION

Poisons Schedule Number:	None Allocated
National Industrial Chemicals Notification & Assessment Scheme (NICNAS):	None Allocated
Australian Pesticides & Veterinary Medicines Authority:	None Allocated
Therapeutic Goods Administration (TGA):	None Allocated
Food Standards Australia New Zealand (FSANZ):	None Allocated

16. OTHER INFORMATION

Date of Issue:	November 2005
Contacts:	Chatoyer Holdings Pty Ltd Tel. 61 2 9894 1100 Fax. 61 2 9894 2200 Contact: Technical Manager Mobile: 0412 381440 Email: sales@chatoyer.com.au Internet: www.chatoyer.com.au

REFERENCES:

1. National Code of Practice for the Control of the Workplace Hazardous Substances [NOHSC:2007(1994)], March 1994, ASCC Canberra ACT
2. National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC:1005(1994)], March 1994, ASCC Canberra ACT
3. Australian Dangerous Goods Code, 6th Edition, National Road Transport Commission, January 1998
4. List of Designated Hazardous Substances, [NOHSC:1005(1999)], April 1999 ASCC, Canberra ACT
5. Storage and Handling of Workplace Dangerous Goods, National Standard [NOHSC:1015(2001)], March 2001 ASCC Canberra ACT
6. Approved Criteria for Classifying Hazardous Substances, 3rd Edition, [NOHSC:1008(2004)], April 2003 ASCC Canberra ACT
7. National Code of Practice for the Preparation of Material Safety Data Sheets, 2nd Edition, [NOHSC:2011(2003)], October 2004 ASCC Canberra ACT
8. Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)] + Source A Updates 2005, August 2005 ASCC Canberra ACT
9. Draft National Standard for the Control of Workplace Hazardous Chemicals, September 2006, ASCC Canberra ACT
10. Biodegradation information from Worldwise Inc., PO Box 3360, San Rafael, CA 94912-3360
11. Material Safety Data Sheet from Spill Control Systems Pty Ltd



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Advise Note:

This Material Safety Data Sheet (MSDS) summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this MSDS and consider the information in the context of how the product will be handled and used in the workplace. When used for a liquid spill clean up, sorbents tend to take on the characteristics of the liquid they have absorbed. Thus always consult the MSDS of the spilled liquid prior to the use of the product.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

End Of MSDS