

Infosafe No™ LPX8W	Issue Date :April 2008	ISSUED by PARCHEMC	CS: 1.4.30
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 Product Name **ZEMDRAIN**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name ZEMDRAIN

Company Name Parchem Construction Supplies Pty Ltd (ABN 80 069 961 968)

Address 7 Lucca Road Wyong
NSW 2259 Australia

Emergency Tel. 1800 638 556 (available 24/7)

Telephone/Fax Number Tel: 02 4350 5000
Fax: 02 4351 2024

Recommended Use Controlled permeability form work liner.

Other Information This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Parchem Construction Supplies 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 in the workplace.
If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

www.parchem.com.au

2. HAZARDS IDENTIFICATION

Hazard Classification NON-HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.
Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia Dangerous Goods Code.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Ingredients		Balance
	Determined Not To		
	Be Hazardous		

4. FIRST AID MEASURES

Inhalation Remove the source of contamination or move the victim to fresh air. Apply artificial respiration if not breathing. If symptoms develop and persist, seek medical attention.

Ingestion Do not induce vomiting. Wash out mouth with water. If symptoms develop seek medical attention.

Skin Remove all contaminated clothing. Wash gently and thoroughly with water and non-abrasive soap. Ensure contaminated clothing is washed before re-use or discard. If irritation develops or persists, seek medical attention.
If contact with molten product, cool skin rapidly with cold water. In case of adhesion, do not try to remove the product. Seek immediate medical attention.

Eye If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention. If contact with molten product, cool rapidly with cold water. In case of adhesion, do not try to remove the product. Seek immediate medical attention.

First Aid Facilities Eye wash and normal washroom facilities.

Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use carbon dioxide, dry chemical, foam or water mist.

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Hazards from Combustion	Under fire conditions this product may emit toxic and/or irritating fumes.
Products Specific Hazards	Combustible solid. This product will burn if exposed to fire.
Decomposition Temp.	Above 200°C in the presence of oxygen.
Precautions in connection with Fire	Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Remove all sources of ignition. Increase ventilation. Evacuate all unnecessary personnel. Wear respirator and full protective clothing to minimise exposure. Sweep up, avoiding dust generation or vacuum using appropriate extraction system then transfer material to a suitable labelled container. Allow molten material to solidify before disposal. If this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.
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7. HANDLING AND STORAGE

Precautions for Safe Handling	Avoid generating dust. Use smallest possible amounts in designated areas with adequate ventilation. Prevent ignition sources and accumulation of static electricity. Label containers. Keep containers closed when not in use. Wear appropriate protective equipment to prevent inhalation, skin and eye contact. Ensure a high level of personal hygiene is maintained when using this product. That is; always wash hands before eating, drinking, smoking or using the toilet.
Conditions for Safe Storage	Store in a cool, dry, well-ventilated area, out of direct sunlight and moisture. Store in labelled, corrosion-resistant containers. Keep containers tightly closed. Store away from incompatible materials such strong oxidising agents. Prevent ignition sources and accumulation of static electricity. Have appropriate fire extinguishers available in and near the storage area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	No exposure standards have been established for this material, however, exposure standards for ingredients are stated above. The TWA National Occupational Health And Safety Commission (NOHSC) exposure standards for dust not otherwise specified is 10 mg/m3.
Biological Limit Values	As published by the National Occupational Health and Safety Commission (NOHSC): TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. No Biological limit available.
Engineering Controls	Natural ventilation should be sufficient, however where dust is generated the use of a local exhaust ventilation system (drawing dust away from workers breathing zone) is recommended.
Respiratory Protection	If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. 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 Protection	Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
Hand Protection	Thermally insulated gloves recommended. Final choice of appropriate gloves

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Body Protection will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance. Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Nonwoven sheet, single layer or laminated on a supporting grid.
Odour	None
Decomposition Temperature	Above 200°C in the presence of oxygen.
Melting Point	Approx. 168°C
Boiling Point	Not available
Solubility in Water	Insoluble
Specific Gravity	0.91 @20°C
pH Value	Not applicable
Vapour Pressure	Not applicable
Vapour Density (Air=1)	Not applicable
Flash Point	Not available
Flammability	Combustible solid. This product will burn if exposed to fire.
Auto-Ignition Temperature	Approx. 380°C
Flammable Limits - Lower	Not available
Flammable Limits - Upper	Not available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal handling and storage conditions.
Conditions to Avoid	Heat, flames and other ignition sources.
Incompatible Materials	Strong oxidising agents.
Hazardous Decomposition Products	Thermal decomposition may result in the release of toxic and/or irritating fumes.
Hazardous Reactions	May react with strong oxidising agents.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicology data available for this product.
Inhalation	Inhalation of dust or process vapours may cause irritation of the nose, throat and respiratory system.
Ingestion	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Skin	May cause abrasive irritation in contact with the skin, which can result in redness, itching and possible dermatitis. Contact with melted product can cause severe irritation and possible thermal burns with permanent scarring of tissue.
Eye	May cause abrasive irritation in contact with the eyes, resulting in redness and itching. Contact with molten product may cause severe thermal burns and may result in stinging, blurring, tearing, severe pain and possible permanent

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Chronic Effects corneal damage.
Prolonged or repeated exposure to this material may result in irritation to the skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity Not available

Persistence / Not available

Degradability

Mobility Not available

Environ. Protection Do not allow product to enter drains, waterways or sewers.

13. DISPOSAL CONSIDERATIONS

Disposal Dispose of waste according to federal, EPA and state regulations.
Considerations

14. TRANSPORT INFORMATION

Transport Not classified as a Dangerous Good, according to the Australian Code for the
Information Transport of Dangerous Goods by Road and Rail.

IMDG Marine This material is a MARINE POLLUTANT according to the International Maritime
Pollutant (MP) Dangerous Goods (IMDG) Code.

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

AICS (Australia) All components in this product are listed on AICS (Australian Inventory of
Chemical Substances).

16. OTHER INFORMATION

Date of preparation MSDS Created: April 2008
or last revision of
MSDS

Contact Person/Point Technical Support: 1800 812 864

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