

MATERIAL SAFETY DATA SHEET

CLASSIFICATION OF MATERIAL:

Hazardous under Worksafe Australia Guidelines

COMPANY DETAILS

COMPANY	Delshine Chemicals
ABN NUMBER	21 009 447 769
ADDRESS	30 Prindiville Drive, Wangara
FACSIMILE NUMBER	(08) 9309 4334
TELEPHONE NUMBER	(08) 9309 4222
NUMBER (after hours)	041 992 7281
Email	delshine-chemicals@bigpond.com

IDENTIFICATION

Product Name: Porta Loo

Other Names: Not applicable

UN Number:	2209	
Hazchem Code:	2T	Packaging Group: 111
Dangerous Goods Class:	6.1(B)	
Sub Risk:	Not applicable	
Poisons Schedule:	S6	
Use:	Used for the breakdown of human waste.	

PHYSICAL DESCRIPTION / PROPERTIES

Appearance: Blue liquid with strong odour.

Boiling Point (°C): 101 Melting Point: Not applicable

Specific Gravity Kg/Lt 1.11

Vapour Pressure
(Pa or mm of Hg at 25°C): Not available

Physical Description/Properties cont.

Flashpoint (°C): 424

Flammability Limits (%): 7 – 73 for Formaldehyde.

Solubility in Water (g/L): Complete

PH: 4.5

Other properties: Not applicable

INGREDIENTS

Chemical Entity:	CAS No:	Proportion (% mass)
Formaldehyde	50-00-0	10 - <30%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

- Swallowed:** Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain, convulsions, chemical burns, loss of consciousness and possible death.
- Eye:** Corrosive to eyes; contact can cause corneal burns. Contamination of the eyes can result in permanent injury.
- Skin:** Corrosive to skin – may cause skin burns. Repeated or prolonged skin contact may lead to allergic contact dermatitis. A skin sensitiser. A component of this material, methanol, can be absorbed through the skin, however symptoms of poisoning via this route are unlikely because of slow absorption.
- Inhaled:** Vapour is irritant to mucous membranes and respiratory tract. Inhalation of vapour can result in headaches, dizziness and possible nausea.
- Chronic:** Chronic exposure to methanol from skin contact, inhalation and/or swallowing, at concentrations greater than 1000ppm can result in permanent blindness and central nervous system effects.

FIRST AID

- Swallowed:** Immediately rinse mouth with water. Do not induce vomiting. Give water or milk to drink followed by a raw egg, if available. Seek immediate medical assistance.

First Aid cont.

- Eye:** Immediately irrigate with copious amounts of water for at least 15 minutes. Eyelids to be held open. Remove contaminated clothing and wash skin. Urgently seek medical attention. Transport to hospital or medical centre.
- Skin:** Immediately wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. Can be absorbed through the skin and result in toxic effects. For skin burns, immediately flood burnt area with plenty of water and cover with a clean, dry dressing. Seek immediate medical attention.
- Inhaled:** Remove victim from exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully rested. Poison information centres in each state capital city can provide additional assistance for scheduled poisons.
- Advice to Doctor:** Treat symptomatically. Can cause corneal burns. If exposure has been severe and/or symptoms marked, observation in hospital for 48 hours should be considered, due to the possibility of delayed pulmonary oedema.
- First Aid Facilities:** Ensure an eye bath and safety shower are available and ready to use.

PRECAUTIONS FOR USE

Exposure Standards No value assigned for this specific material by the National Occupational Health and Safety commission (Worksafe Australia).

	TWA		STEL		CARCINOGEN NOTICES	
	ppm	mg/m ³	ppm	mg/m ³	Category	
Formaldehyde	1	1.2	2	2.5	2	Sen
Methanol	200	262	250	328	-	Sk

As published by the National Occupational Health and Safety Commission (Worksafe Australia).

Engineering Controls: Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Use with local exhaust ventilation or while wearing air supplied mask. Keep containers closed when not in use.

PERSONAL PROTECTION

- Eye:** Safety glasses or goggles.
- Hand:** Elbow length impervious gloves.
- Respirator Type:** None needed provide adequate ventilation.

Personal Protection Cont.

Protective Clothing: Overalls, Boots.

SAFE HANDLING INFORMATION

Storage: Store in a well ventilated area. Store away from oxidising agents, acids, alkalis, metal salts and foodstuffs. Store at temperatures below 20°C will result in precipitation of the product. Keep containers closed at all times – check regularly for leaks.

Transport: Not to be loaded with explosives (Class 1), dangerous when wet substances (Class 4.3), oxidising agents (Class 5.1), organic peroxides (Class 5.2), cyanides of Class 6, radioactive substances (Class 7), strong alkalis or strong acids of Class 8, foodstuff or foodstuff empties, however exemptions may apply. This material is a Schedule Poison (S6) and must be stored, maintained and used in accordance with the relevant regulations.

Incompatibilities: Reacts with oxidising agents, acids, alkalis and metal salts.

Spills: Shut off all possible sources of ignition. Work up wind. Increase ventilation. Clear area of all unprotected personnel. Wear protective equipment to prevent skin and eye contamination and inhalation of vapours. Contain using sand or soil – prevent run off into drains and waterways. Use absorbent (soil, sand, or other inert material). Collect and seal in properly labeled drums for disposal. Neutralise the area with a strong solution (up to 25% by weight) of sodium metabisulphite or 5% ammonia solution. Again, use absorbent, then collect and seal in properly labeled drums for disposal. Wash area down with excess water. If contamination of sewers or waterways has occurred advise the local emergency services.

Disposal: Refer to State Land Waste Management Authority. Decontamination and destruction of containers should be considered.

Flammability: Not applicable.

Fire/Explosion Hazard: Combustible liquid. Heating can cause expansion or decomposition leading to violent rupture of containers. If safe to do so, remove containers from path of fire. Keep containers cool with water spray. Fire fighters to wear self contained breathing apparatus if risk of exposure to vapour or products of combustion.

Acceptable Extinguishing Methods: Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

OTHER INFORMATION

Hazard Classification

T Toxic
C Corrosive

Risk Phrases

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
R34 Causes burns.
R40 Possible risks of irreversible effects.
R43 May cause sensitization by skin contact.

Safety Phrases

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37 Wear suitable protective clothing and gloves.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show label whenever possible).
S51 Use only in well ventilated areas.

CONTACT POINT – Les Buss – TELEPHONE (08) 9309 4222

AUTHORISATION FOR ISSUE

_____ **Les Buss**

DATE

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