

Material Safety Data Sheet

Infosafe No™ YSXXZ Issue Date : January 2015 ISSUED by PLESSJAL

Product Name : **Dissolve**

Classified as hazardous

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Chemical Product and Company Identification Tel: (03)9416 6700 (BH)
Fax: (03)9416 8516
web: www.peerlessjal.com.au
email: sales@peerlessjal.com.au

Product Name Dissolve

Product Code 5 Litre - 11DISS5

Company Name Peerless Jal Pty Ltd (ABN 53 006 489 345)

Address 10-12 Raglan Street Preston
Victoria 3072 Australia

Telephone/Fax Number Tel: (03) 9416 6700
Fax: (03) 9416 8516

Email sales@peerlessjal.com

Recommended Use Add neat to portable toilets.

Other Names Name Product Code

Other Information Sanitary Fluid & Portable Toilet Cleaner
NOTICE: While the information contained herein is correct to the best of our knowledge, Peerless Jal Pty Ltd herein disclaims any warranties as to the accuracy of the same. Recommendations or suggestions are made without guarantee or representation as a result, since conditions of use are beyond our control. All materials are sold subject to Peerless Jal Pty Ltd standard terms and conditions of sale and on the condition that buyer shall make his/her own tests to determine the suitability of such product for buyers purposes. No statement contained herein shall be construed as a recommendation to infringe any patent.

2. HAZARDS IDENTIFICATION

Hazard Classification Classified as hazardous
HAZARDOUS SUBSTANCE.
DANGEROUS GOODS.

Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).
Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization Liquid

Ingredients	Name	CAS	Proportion	Hazard Symbol	Risk Phrase
	Formaldehyde	50-00-0	10-30 %		
	Surfactants	(Proprietary)	0-10 %		
	Perfume	(Proprietary)	0-10 %		
	Sequestrants	(Proprietary)	0-10 %		
	Dye	(Proprietary)	0-10 %		
	Water	7732-18-5	To 100%		

4. FIRST AID MEASURES

Inhalation Remove from contaminated area. Apply artificial respiration if not breathing.

Ingestion If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone 13 1126. If swallowed, do NOT induce vomiting. Give water or milk, then raw egg.

Skin Remove contaminated clothing and wash skin thoroughly with water.

Eye If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

First Aid Facilities Eyewash should be nearby and ready to use.

Advice to Doctor Treat symptomatically. If exposure has been severe or symptoms are marked, consider admission to hospital for 48 hours of observation, due to possibility

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of delayed pulmonary oedema.

5. FIRE FIGHTING MEASURES

Specific Hazards Not combustible. Use water spray, foam or dry chemical.

Hazchem Code 2X

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal Increase ventilation. Remove all ignition sources. Wear suitable protective clothing, gloves and if inhalation risk exists, respirator. Contain using sand or soil - prevent run-off into drains or waterways. Absorb on inert absorbent. Collect in sealed containers. Neutralise area with a strong solution (up to 25% w/v) of sodium metabisulphite or 5% ammonia solution. Absorb on inert absorbent and collect in sealed containers. Flush area to sewer with plenty of water. Dispose according to Local, State or Territory Government Regulations.

7. HANDLING AND STORAGE

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards The National Occupational Health and Safety Commission (Worksafe Australia) has set no exposure standards for this material. This does not imply that this material is safe or non-hazardous. There may be insufficient information available to allow the National Commission to assign an exposure standard, even on a tentative basis. Where exposure standards are available for the ingredients of this material, they are listed below.

	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Formaldehyde	1	1.2	2	2.5

Carcinogen Category 2, Sensitiser.

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

TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day week over an entire working life. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers.

STEL is the Short Term Exposure Limit and is a 15-minute TWA exposure, which should not be exceeded at any time during a working day. Exposures at the STEL should not be longer than 15 minutes and should not be repeated more than four times per day. There should be at least 60 minutes between successive exposures at the STEL.

Category 2 carcinogens are probable human carcinogens. There is sufficient evidence to provide a strong presumption that human exposure might result in the development of cancer. This evidence is generally based appropriate long-term animal studies, limited epidemiological evidence or other relevant information.

'Sen' - notice - Some substances can cause a specific immune response in some individuals, termed 'sensitisation.' Following 'sensitisation' an affected individual may react to exposure to minute levels of that substance. Persons who are sensitised to a particular substance should not be further exposed to that substance.

Exposure Standards are guides to be used in the control of occupational health hazards. They are not fine dividing lines between safe and dangerous concentrations of chemicals nor are they measures of relative toxicity. All atmospheric contamination should be kept to as low a level as is practicable. Use only in well ventilated areas. Keep containers tightly closed when not in use. Use adequate ventilation to maintain concentrations below the exposure standards.

Engineering Controls

Personal Protective Equipment

Avoid contact with skin and eyes and avoid breathing vapour. Wear protective clothing and gloves. Use only in well ventilated areas. Wear respirator if inhalation risk exists. Always wash hands before smoking, eating, drinking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form Liquid

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Appearance	Clear green mobile liquid
Melting Point	Not available
Boiling Point	Approx. 100°C
Solubility in Water	Completely Miscible
Specific Gravity	Approx 1
Vapour Pressure	Not Available
Flash Point	Not Flammable
Flammability	Not flammable.
Flammable Limits - Lower	Not Flammable
Flammable Limits - Upper	Not Flammable

10. STABILITY AND REACTIVITY

11. TOXICOLOGICAL INFORMATION

Toxicology Information	<p>TOXICITY</p> <p>For formaldehyde, Oral LD50 (rat): 800 mg/Kg Inhalation LC50 (rat): 590 mg/m³ Reported fatal dose for humans: 60-90 ml</p> <p>Low concentrations of formaldehyde may cause sensitisation by skin contact. Formaldehyde vapour is irritating to mucous membranes and respiratory tract. Asthma-like symptoms have occasionally been reported following inhalation. Animal studies have shown formaldehyde to cause carcinogenic effects. In particular, chronic inhalation studies in rats have shown the development of nasal cavity carcinomas at 6 and 15 ppm. These cancers developed at concentrations, which produced chronic tissue irritation and would not be voluntarily tolerated by humans.</p> <p>Some epidemiological studies show an increased risk of various types of cancers, however, data are conflicting and no clear-cut evidence of carcinogenicity is indicated.</p> <p>Some positive mutagenic effects have been reported for formaldehyde. Available animal data do not show embryotoxic or teratogenic effects following exposure to formaldehyde.</p> <p>This material has been classified by the International Agency for Research on Cancer (IARC) as a Group 2A - The agent is probably carcinogenic to humans.</p>
Health Hazard	<p>ODOUR THRESHOLDS</p> <p>For formaldehyde: 0.1 - 1 ppm</p> <p>No adverse health effects expected if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are: For WSA format, please refer to Health Effects Section for acute effects.</p>
Inhalation	<p>Irritating to the respiratory system. Irritates the mucous membranes and can result in headaches, dizziness and nausea.</p>
Ingestion	<p>Harmful. May result in nausea, vomiting, diarrhoea, abdominal pain and loss of consciousness.</p>
Skin	<p>Irritating. May cause redness and pain.</p>
Eye	<p>Irritating. May cause pain and reddening.</p>
Chronic Effects	<p>Possible risk of irreversible effects. Formaldehyde is a Category 2 Carcinogen. Category 2 carcinogens are probable human carcinogens. There is sufficient evidence to provide a strong presumption that human exposure might result in the development of cancer. This evidence is generally based appropriate long-term animal studies, limited epidemiological evidence or other relevant information. May cause sensitisation by skin contact.</p>

12. ECOLOGICAL INFORMATION

Environ. Protection	ENVIRONMENTAL IMPACT
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Material Safety Data Sheet

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CS: 1.9.606

Page: 4 of 4

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For formaldehyde:
Formaldehyde has a relatively low toxicity for fish, 96 h LC50 values being higher than 10 mg/litre in all cases, eg
Atlantic salmon (fingerling) 96 h LC50: 69.2 mg/litre.
Algae and some invertebrates seem to be more susceptible to formaldehyde, however responses differ widely.
Inhibits anaerobic sludge digestion: at 100 mg/L
aerobic degradation: 135-175 mg/L

13. DISPOSAL CONSIDERATIONS

14. TRANSPORT INFORMATION

Transport Information Classified as dangerous goods according to transport of dangerous goods (ADG) code.
U.N. Number 1760

Proper Shipping Name CORROSIVE LIQUID, N.O.S.
DG Class 8
Hazchem Code 2X

Special Precautions for User Correct Shipping Name: CORROSIVE LIQUID N.O.S. (Contains: Formaldehyde)
Packing Group II

Storage and Transport This material is a Schedule 6 Poison. Keep out of reach of children. Store and transport according to local State or Territory Dangerous Goods and Poisons Regulations.
EPG Number 8A1
IERG Number 37
UN Number (Road Transport) 1760

Other Information This MSDS summarises our best knowledge of health and safety hazard information of the product and how to safely handle and use the product.

15. REGULATORY INFORMATION

Regulatory Information Classified as hazardous
HAZARDOUS SUBSTANCE.
SCHEDULED POISON.

Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).
Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule S6

16. OTHER INFORMATION

Technical Contact Point PEERLESS JAL PTY LTD
10-12 Raglan Street,
Preston,
Vic, 3072.
Tel: (03)9416 6700 (BH)
Fax: (03)9416 8516
...End Of MSDS...

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