

FRESHA

MATERIAL SAFETY DATA SHEET

Issue Date: 1st June 2013
 Product Name: Fresha

Classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name	Fresha Toilet Blocks (Para-DICHLOROBENZENE)
Product Use	Perfumed Deodorant Blocks for use as an air freshener in toilets & urinals
Company Name	888 Triple Chemicals Pty Ltd.
Address	16 / 50-52 Malvern St. Bayswater. VIC Australia 3153
Emergency Tel. Telephone/Fax	0413 115 888 Tel (03) 9720 8455 Fax: (03) 9720 8417

2. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	1, 4-Dichlorobenzene	106-46-7	>99%

3. HAZARDS IDENTIFICATION

Classified as hazardous according to the criteria of NOHSC and not classified as a dangerous good according to the ADG code.

Symbols:	Xi – Irritant Xn – Harmful N – Dangerous for the environment
Risk phrases:	R36 – Irritating to eyes R40 – Limited evidence of carcinogenic effect R50 – Very Toxic to aquatic organisms R53 – May cause long-term adverse effects in the aquatic environment
Safety phrases:	S2 – Keep out of the reach of children S36/37 – Wear suitable protective clothing and gloves S46 – If swallowed, contact a doctor or Poisons Information Centre immediately and show container or label S60 – This material and its container must be disposed of as hazardous waste S61 – Avoid release to the environment. Refer to special instructions/Material Safety Data Sheets
Hazard Category	N/A
Symptoms & Effects	N/A
Other Hazard Information:	Nil

4. FIRST AID MEASURES

Inhalation	Remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.
Ingestion	If swallowed DO NOT induce vomiting. Transport to nearest medical facility for additional treatment.
Eye	If in eyes, hold eyes open, flood with water for at least 15 minutes. Seek medical attention.
Skin	If skin contact occurs, wash skin thoroughly with water and follow by washing with soap if available. If irritation persists, seek medical attention.
First Aid Facilities	Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.
Advice to Doctor	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media	For a small fire use dry chemicals, carbon dioxide, water spray or foam. For large fires use water spray, fog or foam. Do not use water in a jet.
Specific Hazards Precautions in connection with Fire	When heated to decomposition, emits acrid smoke and irritating fumes. Firefighters should wear Self-Contained Breathing Apparatus and full protective clothing to minimise exposure. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. If safe to do so, remove undamaged containers from fire area.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal	For small spills, use appropriate tools to put spilled solid in a convenient waste disposal container. For large spills, use appropriate instruments to put the spiller material in a waste disposal container. Dispose of in accordance with regional regulations.
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7. HANDLING AND STORAGE

Handling	Avoid contact with eyes, skin and clothing. DO NOT ingest. Avoid breathing dust, keep container closed. Use only with adequate ventilation. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands.
Storage	Keep container closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Do not store near strong oxidants.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits	National Occupational Health & Safety Commission (NOHSC) Worksafe Australia has set an exposure standard 150mg/m ³ (25ppm) TWA (8hr), 300mg/m ³ (50ppm) STEL. Carcinogen Category 3.
Respiratory Protection	Wear appropriate respirator when ventilation is inadequate.
Eye Protection	Wear safety goggles.
Hand Protection	Use solvent resistant gloves (nitrile, PVC or neoprene)
Body Protection	No special protection is ordinarily required beyond standard issue work clothes.
Eng. Controls	Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standard. Avoid generating and inhaling mists. Keep containers closed when not in use.
Other information	No Biological Limit Value allocated.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Crystalline Solid.
Odour	Characteristic
Vapour Pressure (mmHg @ 20°C)	N/A
Vapour Density (air=1)	5.08 @ 15°C
Boiling Point	173°C
Freezing/Melting Point	53°C
Solubility in Water	Insoluble
Specific Gravity (H ₂ O = 1)	1.46
pH	N/A
Flash Point	65 (Closed Cup)
Flammable Limits (%)	2.5 – 16.0
Auto Ignition Temperature	413°C
Percent Volatiles	100

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions of storage and handling.
Hazardous	Will not occur.
Polymerization	
Materials to Avoid	Strong oxidizing agents. Alkalis.
Hazardous	
Decomposition	
Products	Burning can produce carbon monoxide and/or carbon dioxide. Hydrogen chloride and phosgene.
Hazardous Reaction	Not a fire hazard.

11. TOXICOLOGICAL INFORMATION

Toxicology	Not available
Information	
Inhalation	Low acute inhalation toxicity. Vapour may be irritating to the nose at 50ppm or greater. May cause headache, dizziness, nausea, vomiting and breathing difficulties. High doses may cause depression of the nervous system.
Ingestion	Accidental swallowing is unlikely in the workplace setting. Low acute oral toxicity. Symptoms may include, headache, nausea, vomiting and anaemia.
Skin	Low acute dermal toxicity in animal studies. May cause burning sensation on prolonged contact with solid.
Eye	Vapour irritating to the eyes at 50ppm or greater.
Chronic Effects	Skin – No evidence of sensitisation. Ingestion – over a long period may cause reversible neurological symptoms including unsteady gait, incoordination and tingling of the limbs. Limited evidence of carcinogenicity in animal studies. Classified by the International Agency for Research on Cancer (IARC) as a Group 2B. Group 2B – The agent is probably carcinogenic to humans.

12. ECOLOGICAL INFORMATION

Environ. Protection	May be harmful to aquatic life in concentrate form. Not harmful to birdlife.
Mobility	Immiscible with water.
Persistence /	
Degradability	Fully biodegradable
Bioaccumulation	No data is available for this product.
Ecotoxicity	Toxic to aquatic life.

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13. DISPOSAL CONSIDERATIONS

Dispose of waste according to federal, E.P.A., state and local regulations.
Assure conformity with all applicable regulations.

14. TRANSPORT INFORMATION

U.N. Number	None allocated
Proper Shipping Name	None allocated
DG Class	None allocated
Hazchem Code	None allocated
Packing Group	None allocated
EPG Number	None allocated
IERG Number	None allocated

15. REGULATORY INFORMATION

Safety Phrase	Nil
Poisons Schedule	5
AICS (Australia)	All ingredients are listed in the Australian Inventory of Chemical Substances (AICS).

Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76:2010): 47

16. OTHER INFORMATION

This 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 in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Contact Person/Point Manager, 888 Triple Eight Chemicals (03) 9720 8455

MSDS History

MSDS Creation: 14th July 2011
Reissue: 1st June 2013

...End of MSDS...