

MATERIAL SAFETY DATA SHEET

WATERLESS TOILET BLOCKETTES

November 2007

Classified as hazardous according to criteria of NOHSC

SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

COMPANY DETAILS

Company Name: SIERRA AUST PTY LTD (ABN 51 101 066 022)

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Every endeavor has been made to ensure that the information contained in this publication is reliable and offered in good faith. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. Customers are encouraged to conduct their own tests as end user suitability of the product for particular uses is beyond our control.

Product Name: WATERLESS TOILET BLOCKETTES

Other Names: 1.,4-Dichlorobenzene, pare, p-DCB
Manufacturer's Product Code: 3626
Recommended Use: Air freshener, toilet freshener, deodorant block

SECTION 2 HAZARDS IDENTIFICATION

**CLASSIFIED AS HAZARDOUS AACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA
NOT A DANGEROUS GOODS ACCORDING TO THE CRITERIA OF THE ADG CODE**

Symbols: Xn Harmful

Risk Phrases: R22 - Harmful if swallowed
R36/38 - Irritating to eyes and skin.

Safety Phrases: S22 Do not breath dust
S24/25 Avoid contact with skin and eyes
S 46 If swallowed, contact a doctor or Poisons Information Centre immediately
and show container or label S2 Keep out of the reach of children

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients

Chemical Entity

1,4-Dichlorobenzene

CAS Number

106-46-7

Proportion %)

>99

SECTION 4 FIRST AID MEASURES

FIRST AID TREATMENT

Swallowed: 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

Inhaled: Remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.

First Aid facilities: Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.

Advice to Doctor: Treat symptomatically.

Additional Information: None available.

SECTION 5 FIRE FIGHTING MEASURES

Suitable 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.

Hazards from combustion products: When heated to decomposition, emits acrid smoke and irritating fumes.

Precautions for Fire Fighters and Special Protective Equipment:

Wear full *protective clothing* and self-contained breathing apparatus.

Additional Information: No additional remark

SECTION 6 ACCIDENTAL RELEASE MEASURES

Observe all local and national regulations

Spills and Disposal. Methods and Materials for Containment and Clean Up Procedures:-

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 spilled material in a waste disposal container. Dispose of in accordance with regional regulations.

SECTION 7 HANDLING AND STORAGE

Precautions for Safe Handling and storage: 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. Do not store near strong oxidants.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: National Occupational Health & Safety Commission (NOHSC) Worksafe Australia has set an exposure standard 150mg/m³ (25ppm) TWA (8•hr), 300mg/m³ (50ppm) STEL.

Personal Protective Equipment:

Respiratory Protection: Wear appropriate respirator when ventilation is inadequate.

Hand Protection: Use solvent resistant gloves. Nitrile, PVC or neoprene.

Eye Protection: Wear safety Goggles.

Protective Clothing No special protection, is ordinarily required beyond standard issue work clothes.

Engineering Controls: Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists. Keep containers closed when not in use.

SECTION 9 IDENTIFICATION

PHYSICAL DESCRIPTION / CHEMICAL PROPERTIES

Appearance	Crystalline Solid
Odour	Characteristic
pH:	N/A
Vapour Pressure (mmHg @ 20°C):	N/A
Vapour Density (air = 1)	5.08 @ 15 Deg C
Boiling Point (°C):	173
Freezing/Melting Point (°C):	53
Solubility in Water	Insoluble
Specific Gravity (g/ml @ 15°C):	1.46
Flashpoint (°C):	65 (Closed Cup)
Flammability Limits (%):	2.5-16.0
Auto Ignition Temperature (°C):	413
Percent Volatiles	100

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions of use.

Conditions to Avoid: Avoid heat, sparks, open flames and other ignition sources.

Incompatible Materials: Strong oxidising agents, alkalis

Hazardous Decomposition, Products: Burning can produce carbon monoxide and/or carbon dioxide, hydrogen chloride and phosgene.

HEALTH EFFECTS

Acute:

Swallowed: Accidental swallowing is unlikely in the workplace setting. Low acute oral toxicity. Symptoms may include, headache nausea, vomiting and anaemia,

Eye: Vapour irritating to the eyes at 50ppm or greater.

Skin: Low acute dermal toxicity in animal studies. May cause burning sensation on prolonged contact with solid.

Inhaled, 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.

Chronic:

Skin -No evidence of sensitisation.

Ingestion - over a long period may cause reversible neurological symptoms including unsteady gait, unco-ordination and tingling of the limbs.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity: Moderately toxic to aquatic life.

Mobility : Immiscible with water
Persistence/degradability : Biodegradable,

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal Methods: Ensure waste disposal conforms to local waste disposal regulations.

SECTION 14 TRANSPORT INFORMATION

UN Number: NR
Proper Shipping Name: NA
Class: NR
Subsidiary Risk: None allocated
Packing Group: NR
Hazchem Code: NA

Special Precautions For marine transport UN 3077, Proper shipping name Environmentally hazardous substance, solid n.o.s for User: (p-dichlorobenzene).

SECTION 15 REGULATORY INFORMATION

Poisons Schedule : 5
AICS : Listed
Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76:1997) .47

SECTION 16 OTHER INFORMATION

Further Information may be obtained by contacting Sierra on (07) 3216 5099

National Industrial Chemicals Notification and Assessment Scheme, para-Dichlorobenzene - Priority Existing Chemical Assessment Report No. 13, NICNAS, Sydney, 2000.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge, The document represents the commitment to the company's responsibilities surrounding the supply of this product undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.