

# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>Company Name:</b>	Sierra Aust Pty Ltd 17 Delta Street, Geebung Queensland 4034	Ph (07) 3216 5099
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**Product Name:** Toilet Blockettes  
**Product Code:** 3626  
**Intended Use:** Air freshener, de-odourant block  
**Chemical Nature:** Mixture - solid

## 2. Hazards Identification

**Hazardous Chemical** according to classification by Safe Work Australia  
**Non Dangerous Goods** according to the Australian Code for the Transport of Dangerous Goods by Road and Rail

**GHS Classification:** Carcinogenicity Category 2  
 Serious eye Damage/Irritation Category 2A  
 Acute Aquatic Toxicity Category 1  
 Chronic Aquatic Toxicity Category 2



**GHS Signal Word:** Warning

**Hazard Statement:** H351 Suspected of causing cancer.  
 H319 Causes serious eye irritation  
 H410 Very toxic to aquatic life with long lasting effects.

**Precautionary Statements:**

**General:** P101 If medical advice is needed, have product container or label at hand.  
 P102 Keep out of reach of children.  
 P103 Read label before use.

**Preventative:** P201 Obtain special instructions before use.  
 P202 Do not handle until all safety precautions have been read and understood.  
 P264 Wash thoroughly after handling.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/eye protection/face protection  
 P281 Use personal protective equipment as required.

**Response:** P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P308 + P313 If exposed or concerned: Get medical advice/attention  
 P337 + P313 If eye irritation persists: Get medical advice/attention  
 P391 Collect spillage.

**Storage:** P405 Store locked up.

**Disposal:** P501 Dispose of contents/container in accordance with local regulations.

## 3. Composition / Information on Ingredients

**Ingredients Names and Proportions**

Chemical Entity	Cas Number	Proportion(%)
1,4-Dichlorobenzene	106-46-7	>99

#### 4. First aid Measures

In case of eye contact:	If in eyes, hold eyes open, flood with water for at least 15 minutes. If irritation persists seek medical attention.
In case of skin contact:	If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available. If irritation persists, seek medical attention.
If Ingested:	If swallowed, do NOT induce vomiting. Rinse mouth with water. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
If Inhaled:	Keep victim calm and remove to fresh air if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.

#### Symptoms caused by exposure

Inhalation:	May cause headache, dizziness, nausea, vomiting and breathing difficulties. High doses may cause depression of the nervous system.
Skin:	May cause burning sensation on prolonged contact with solid.
Eyes:	May include burning sensation and redness.
Ingestion:	May include headache, nausea, vomiting and anaemia

#### Medical attention and special treatment

Treat symptomatically

#### 5. Fire Fighting Measures

**Suitable Extinguishing Media:** Foam, water spray or fog, dry chemical powder or carbon dioxide. Do not use water in a jet

**Specific Hazards arising from the Chemical:** When heated to decomposition, emits acrid smoke and irritating fumes.

**Special protective equipment for fire fighters:** Wear full protective clothing and self contained breathing apparatus. Hazchem code is dependant upon mode of transport and packaging (see section 14)

#### 6. Accidental Release Measures

**Personal Precautions:** Avoid contact with spilled or released material. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Use personal protective equipment.

**Environmental Precautions:** Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterways. Ventilate contaminated area thoroughly.

**Methods of cleanup:** use appropriate tools to put spilled solid in a convenient waste disposal container. Avoid creating dust. Ensure adequate ventilation. Dispose of in accordance with local regulations.

#### 7. Handling and Storage

**Precautions for safe handling:** Avoid breathing dust. Handle and open containers with care in a well-ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas.

**Conditions for safe storage:** Store in a well ventilated area, away from sunlight. Do not store near strong oxidants.

#### 8. Exposure Controls and Personal Protection

**Exposure Control Measures:** From National Occupational Health & Safety Commission (NOHSC) Worksafe Australia 1,4-Dichlorobenzene: 150mg/m<sup>3</sup> (25ppm) TWA (8hr), 300mg/m<sup>3</sup> (50ppm) STEL Carcinogen Category 3

**Biological Monitoring:** No biological limit allocated.

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

**Individual Protection Measures:**

Eye and face protection: Wear safety goggles.  
 Skin protection: Use solvent resistant gloves, nitrile for longer term protection of PVC and neoprene for incidental splashes.  
 Respiratory protection: If work practices do not maintain airborne levels below the exposure standard, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter. Select a filter for organic gases and vapours (boiling point >65°C). respirators should comply with AS1716 or an equivalent approved by a state/territory authority.  
 Thermal Hazards: Not applicable.

**9. Physical and Chemical Properties**

Appearance:	Crystalline Solid	Density (g/ml@15°C):	1.46
Odour:	lavender	Solubility (kg/m³):	Not miscible with water
Initial Boil point range:	173°C	Auto ignition temp (°C)	413
Flash point:	65°C (closed cup)	Vapour Density:	5.08
Flammability:	Flammable	(air=1 @15°C)	
Vapour pressure:	data not available	Upper/lower flammability:	2.5 – 16.0
(mmHg@20°C)		or explosive limits (%)	

**10. Stability and Reactivity**

**Reactivity:** Stable under normal conditions of use  
**Chemical Stability:** Stable under normal conditions of use  
**Possible Hazardous reactions:** Stable under normal conditions of use  
**Conditions to avoid:** Avoid heat, sparks, open flames and other ignition sources  
**Incompatible materials:** Strong oxidizing agents, alkalis  
**Hazardous Decomposition products:** Burning can produce carbon dioxide and/or carbon monoxide, hydrogen chloride and phosgene.

**11. Toxicological Information**

Acute toxicity:	Low acute oral toxicity. Accidental swallowing is unlikely in the workplace setting.
Skin corrosion/irritation:	Low acute dermal toxicity in animal studies. May cause burning sensation on prolonged contact with solid.
Serious eye damage/irritation:	Vapour irritating to the eyes at 50ppm or greater
Respiratory or skin sensitisation:	Not expected to be a sensitiser.
Germ cell mutagenicity:	Data not available.
Carcinogenicity:	Limited evidence of carcinogenicity in animal studies. Classified by (IARC) as a Group 2B. Group 2B – The agent is possibly carcinogenic to humans.
Reproductive toxicity:	Data not available.
Specific Target Organ Toxicity (STOT) – single exposure:	Data not available.
Specific Target Organ Toxicity (STOT) – repeated exposure:	Central nervous system: high dose exposure depression of the nervous system. Ingestion: over a long period may cause reversible neurological symptoms including unsteady gait, incoordination and tingling of the limbs.
Aspiration hazard:	Data not available.

## 12. Ecological Information

### Ecotoxicity

Acute toxicity:

Fish –	Moderately toxic to aquatic life
Aquatic invertebrate –	Moderately toxic to aquatic life
Algae –	Moderately toxic to aquatic life
Microorganisms –	Moderately toxic to aquatic life

Chronic toxicity:

Fish –	Data not available
Aquatic invertebrate –	Data not available
Algae –	Data not available
Microorganisms –	Data not available

### Persistence and degradability

Biodegradable.

### Bioaccumulative potential

Does not bioaccumulate significantly

### Mobility in soil

Immiscible with water

## 13 Disposal Considerations

Ensure waste disposal conforms to local waste disposal regulations.

## 14. Transport Information

Australian Special Provision AU01 to the Australian Dangerous Goods Code 7<sup>th</sup> Edition 2011 states –

Environmentally Hazardous Substances meeting the descriptions of UN3077 or UN3082 are not subject to this Code when transported by road or rail in;

- (a) packagings that do not incorporate a receptacle exceeding 500kg(L); or
- (b) IBCs

	Where not subject to ADG	Subject to ADG
<b>UN number:</b>	Not applicable	3077
<b>Proper shipping name:</b>	Not applicable	Environmentally hazardous substance, Sold N.O.S. (p-Dichlorobenzene)
<b>Australian Dangerous Goods class:</b>	Not applicable	9
<b>Australian Dangerous Goods packing group:</b>	Not applicable	III
<b>Hazchem code:</b>	Not applicable	•3Z

### 15. Regulatory Information

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), Poisons Schedule:	5
Australian Inventory of Chemical Substances (AICS):	Listed
Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76):	<b>Where subject to ADG: 47</b>

### 16. Other Information

**This SDS contains only safety related information. For other information see product literature.**

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. The information is not intended as an inducement to bargain and no warranty expressed or implied is made as to its accuracy, reliability or completeness. Sierra (Aust) Pty Ltd accepts no liability for loss, injury or damage arising from reliance upon the information contained in this data sheet except in conjunction with the proper use of the product to which it refers. Due care should be taken that the use and disposal of this product is in compliance with appropriate Federal, State and Local Government regulations.

