

# MATERIAL SAFETY DATA SHEET

## Section 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

COMPANY	Delshine Chemicals
ABN NUMBER	21 009 447 769
ADDRESS	Unit 1 / 30 Prindiville Drive, Wangara
FACSIMILE NUMBER	(08) 9309 4334
TELEPHONE NUMBER	(08) 9309 4222
EMERGENCY TELEPHONE	041 992 7281 ( After hours )
EMAIL	<a href="mailto:delshine-chemicals@bigpond.com">delshine-chemicals@bigpond.com</a>
WEB SITE	<a href="http://www.delshinechemicals.com">www.delshinechemicals.com</a>
BRAND NAME	Toilet Blocks
TRADE NAME	Toilet Blocks
SHIPPING NAME ( section 14 )	Environmentally hazardous substance solid n.o.s
USE	De Odourant block for use in urinels and toilets
RESTRICTIONS	Keep away from oxidizing agents and alkalis

## Section 2 HAZARDS CLASSIFICATION / IDENTIFICATION

Classified as Hazardous according to criteria of worksafe Australia not a dangerous good according to the criteria of the ADG code.

<b>Symbols :</b>	<b>Xn Harmful</b>
<b>Risk Phrases</b>	R22 Harmful if swallowed R36/38 Irritating to eyes and skin
<b>Safety phrases</b>	S1/2 Keep locked up and out of reach of children S22 Do not breathe dust S24/25 Avoid contact with skin and eyes S46 If swallowed contact a doctor or Poisons Information Centre immediately and show container label

## Section 3 COMPOSITION / INFORMATION OF INGREDIENTS

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

## **Section 4 FIRST AID MEASURES**

**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 irritation persist 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** – Portable water should be available to rinse eyes or skin. Provide eye bath and safety showers.

**Advice to Doctor** – Treat symptomatically. **Additional Advice** – None available

## **Section 5 FIRE FIGHTING MEASURES**

**Suitable Extinguishing Media** – For 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.

**Hazardous 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.

## **Section 6 ACCIDENTAL RELEASE MEASURES**

Observe all local and national regulations.

For small spills , use appropriate tools to put spilled soil in a convenient waste disposal container. For large spills use appropriate instruments to put the spill 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 and 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**

National Occupational Health & Safety Commission ( NOHSC ) Worksafe Australia has set an exposure standard 150mg/m<sup>3</sup> (25ppm) TWA (8hr),300mg/m<sup>3</sup> (50ppm)STEL

**Respiratory Protection** – Wear appropriate respirator when ventilation is inadequate.

**Hand Protection** – Use solvent 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 mist. Keep containers closed.

## Section 9 PHYSICAL & CHEMICAL PROPERTIES

**APPEARANCE** Crystalline Solid  
**PH** No data  
**BOILING POINT °C** 173  
**FREEZING POINT °C** 53  
**SPECIFIC GRAVITY** 1.46 @15°C  
**AUTO IGNITION TEMP** 413°C  
**PERCENT VOLATILES** 100

**ODOUR** Characteristic  
**VAPOUR PRESSURE**  
**VAPOUR DENSITY** 5.08 @15°C  
**SOLUBILITY** Insoluble  
**FLASH POINT** 65°C closed cup  
**FLAMMABILITY** 2.5 – 16.0 %

## Section 10 STABILITY & REACTIVITY

**Chemical Stability** – 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 monoxide and / or carbon dioxide , hydrogen chloride and phosgene.

## Section 11 TOXICOLOGICAL INFORMATION

### Acute

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

**Eye** – Vapour irritating to eyes at 50ppm or greater

**Skin** - Low acute dermal toxicity in animal studies. May cause burning sensations on prolonged contact.

**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 dose may cause depression of the nervous system.

**Chronic** – Skin – No evidence of sensitization. Ingestion – over a long period may cause reversible neurological symptoms including unsteady gait, inco-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.

<b>Section 14</b>	<b>TRANSPORT INFORMATION</b>
-------------------	------------------------------

Un Number Not required  
Class Not required  
Packaging Group Not required  
Special Precautions For marine transport Un3077  
Proper Shipping Name Environmentally hazardous substance solid n.o.s

<b>Section 15</b>	<b>REGULATORY INFORMATION</b>
-------------------	-------------------------------

Poisons Schedule 5      AICS listed  
Dangerous Goods initial Emergency Response Guide (SAA/SNZHB76:1997) :47

<b>Section 16</b>	<b>OTHER INFORMATION</b>
-------------------	--------------------------

**DATE OF LAST REVISION OF MATERIAL SAFETY DATA SHEET**

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

**AUTHORISATION FOR ISSUE**

\_\_\_\_/\_\_\_\_/\_\_\_\_

**DATE**

\_\_\_\_\_  
**Les Buss**

*The above information is accurate to the best of the knowledge available to us. However since data safety and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control we make no warranty, whether express or implied, with respect to completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. Users should satisfy themselves that they have all current data relevant to their particular use.*