

MATERIAL SAFETY DATA SHEET

Section 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

COMPANY	Delshine Chemicals
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WEB SITE	www.delshinechemicals.com
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 urinals 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.

Symbols : **Xn Harmful XI Irritant N Dangerous the 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

S1/2 Keep locked up and out of 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 environment refer to special instructions on Material Safety Data Sheet

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/m³ (25ppm) TWA (8hr),300mg/m³ (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

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

Section 14	TRANSPORT INFORMATION
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Australian Special Provision AU01 to the Australian dangerous Goods Code 7th Edition
(incorporating Corrigendum 1) 2011:

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

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

Where AU01 applies:

Un Number	N/A	Proper Shipping Name :	N/A
Class:	N/A	Subsidiary Risk :	N/A
Packaging Group	N/A	Hazchem Code :	N/A
Special Precautions for user			None

Where AU01 does not apply:

UN Number	UN3077	Proper Shipping Name :	Environmentally Hazardous Substance Solid NOS(p-Dichlorobenzene)
Class	9		
Packaging Group	111	Subsidiary Risk	N/A
Special Precautions for user	None	Haz Chem	.3Z

Section 15	REGULATORY INFORMATION
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Poisons Schedule 5 AICS listed
Dangerous Goods initial Emergency Response Guide (SAA/SNZHB76:1997) :47

Section 16	OTHER INFORMATION
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DATE OF LAST REVISION OF MATERIAL SAFETY DATA SHEET 3rd of April 2016

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

AUTHORISATION FOR ISSUE _____ DATE ____/____/_____
Les Buss

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