



TASMAN CHEMICALS

"Tasman trusted products"

MATERIAL SAFETY DATA SHEET

URO CUBES

1. IDENTIFICATION

Product Name : URO CUBES

Other Names : PARA-DICHLOROBENZENE p-DICHLOROBENZENE; 1,4-DICHLOROBENZENE

Uses : Air freshener, Toilet freshener, Deodorant blocks

Supplier TASMAN CHEMICALS PTY LTD
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Victoria 3195 AUSTRALIA

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2. HAZARD IDENTIFICATION

Hazardous according to criteria of Safe Work Australia

Hazard Category : Xn (Harmful), N Dangerous for the Environment

Risk Phrases

R22 Harmful if swallowed.
R36 Irritating to eyes.
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, seek medical advice immediately and show this 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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	CAS No.	Proportions (%)
(1,4)para-DICHLOROBENZENE	[106-46-7]	99.9

4. FIRST AID MEASURES

Description of necessary measures according to routes of exposure

Swallowed - DO NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid immediately.

Eye - Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical aid immediately.

Skin - Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.

Inhaled - Remove from exposure to fresh air immediately. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

Advice to Doctor - Administration of adrenalin may be contra indicated for over exposure to p-Dichlorobenzene.

Additional Information

Aggravated medical conditions caused by exposure

5. FIRE FIGHTING MEASURES

Extinguishing Media

Fire-fighters should wear full protective clothing including self-contained breathing apparatus. In case of fire use water, dry chemical, chemical foam or alcohol-resistant foam type extinguishers.

Hazards from Combustion Products

Autoignition temperature above 560°C. Avoid flames, hot surfaces and electric arcs. Hydrogen Chloride and traces of phosgene formed on decomposition.

Special protective precautions and equipment for fire fighters

No Data Available

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures Clean-up personnel should wear full protective clothing including self-contained breathing apparatus. Avoid raising dusts. Remove all ignition sources.

Methods and materials for containment and clean up Carefully scoop up and place into appropriate sealable containers and hold for waste disposal.

7. HANDLING AND STORAGE

Precautions for safe handling Ensure an eye bath and safety shower are available and ready for use.

Conditions for safe storage, including any incompatibles Non-regulated goods. Store in cool, dry place away from naked flames and all sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits : Threshold Limit Values for (1,4)para-DICHLOROBENZENE

Time Weighted Average (TWA) = 150 mg/m³

Short Term Exposure Limit (STEL) = 300 mg/m³

Exposure Standards (TWA) is the time-Weighted average airborne concentration over an eight-hour working day, for a five day working week over an entire working life. According to current knowledge this concentration should neither impair the health or, cause undue discomfort to, nearly all workers.

STEL (Short Term Exposure Limit): the average airborne concentration over a 15 minute period that should not be exceeded at any time during a normal eight-hour work day.

NOTICE : Absorption through the skin may be a significant source of exposure

Biological Limit Values	No Data Available
Engineering Controls	Provide general exhaust ventilation
Personal Protection	Organic vapour cartridge or canister respirator. Safety goggles, vitron gloves, overalls/apron or chemical suit.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White Crystalline with penetrating aromatic odour. Crystals
Formula	C6H4Cl2
Odour	No Data Available
Vapour Pressure	1.027 mm Hg (1 atmosphere)
Vapour Density	5.1
Boiling Point	174 deg C
Melting Point	53 deg C
Solubility in water	0 g/l (25 deg C)
Specific Gravity	1.248 (Water = 1)
Flash Point	Closed Cup 67
pH	()
Flammability Limits (as percentage volume in air)	Not Applicable

Additional Information

Material decomposes giving off toxic & corrosive HCl gas Material is soluble in alcohol, ether, benzene & chloroform

10. STABILITY AND REACTIVITY

Chemical Stability : No Data	Conditions to avoid : No Data
Incompatible Materials : No Data	Hazardous Decomposition Products : No Data
Hazardous Reactions : No Data	

11. TOXICOLOGICAL INFORMATION

Toxicity Data

Health Effects - Acute

Swallowed	Moderately toxic LD50 (rat) = 2 - 3 g/kg
Eye	Slightly irritative
Skin	Practically non-toxic Dermal LD50 = > 6 g/kg
Inhaled	Slightly irritating LC50 = Not available

12. ECOLOGICAL INFORMATION

Ecotoxicity : No Data **Persistence and degradability :** No Data

Mobility : No Data

Additional information

Environmental fate (exposure) : No Data **Bioaccumulative potential :** No Data

13. DISPOSAL CONSIDERATIONS

Disposal Dispose of in accordance with all Local, State and Federal regulations at an approved waste disposal facility.

Special Precautions for land fill or incineration No Data Available

14. TRANSPORT INFORMATION

Not classified as a Dangerous Good by the Criteria of the Australian Dangerous Good Code

Proper Shipping Name :	Not required	UN Number :	Not applicable
Dangerous Goods Class :	Not applicable	Subsidiary Risk :	Not applicable
Hazchem Code :	Not applicable	Packing Group :	Not applicable

15. REGULATORY INFORMATION

Poisons Schedule 5

Additional information No Data

16. OTHER INFORMATION

Literature references: No Data

Sources for data: No Data

Contact Points

<u>Organisation</u>	<u>Location</u>	<u>Telephone</u>	<u>Ask For</u>
Tasman Chemicals Pty Ltd	Braeside, Victoria, Australia	(03) 9587 6777	Technical Manager
Poisons Information Centre		13 1126	

MSDS are updated frequently. Please ensure that you have a current copy.

This MSDS summarises our best knowledge of the health and safety hazard information of the product; how to safely handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Tasman Chemicals Pty Ltd. Our responsibility for products sold are subject to our standard terms and conditions, a copy of which appears on all invoices. It is also available on request. Where health or safety data given discloses a risk to the user or environment, it is the responsibility of the Purchaser to pass on that information to employees or those who may be using the product, ensuring that adequate safety procedures are used including good industrial hygiene.