

SAFETY DATA SHEET

Product Name *Toilet Blocks*

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: *Toilet Blocks*
Recommended use: **Deodorant and air freshener for use in washrooms, toilet cubicles and urinals**
Company Details: **Envirochem International (NZ) ltd**
Address: 41 Angle Street, Onehunga
Auckland. New Zealand
Telephone Number: +64 9 262 0800
Emergency Telephone Number: National Poison Information Centre 0800 764 766
Date of Preparation: 01/06/2017

2. HAZARD IDENTIFICATION



DANGER

HSNO Hazard Classification: 6.1E (oral), 6.3A, 6.4A, 6.7B, 6.9B (inhalation) 9.1A (fish), 9.1D(algal), 9.1D (crustacean)

Hazard Statement:

Causes skin irritation
Causes serious eye irritation
May be harmful if inhaled
May cause respiratory irritation
Very toxic to aquatic life
Harmful to aquatic life

Prevention Statements:

- Keep out of reach of children.
- Read label before use.
- Read Safety Data Sheet before use.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Wash hand thoroughly after handling
- Use only outdoors or in a well-ventilated area.
- Avoid release to environment.
- Use personal protective equipment as required.

Response Statement:

- If medical advice is needed, have product container or label at hand.
- Call a POISON CENTRE or doctor/physician if you feel unwell.
- Do NOT induce vomiting.

- Take off contaminated clothing before reuse.
- Collect spillage.
- IF ON SKIN: Wash with plenty of soap and water.
- IF INHALED: Call a POISON CENTRE or doctor/physician if you feel unwell.
- IF INHALED: remove to fresh air and keep at rest in a position comfortable for breathing.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing.
- IF exposed or concerned: Get medical advice/ attention.
- If skin irritation occurs: Get medical advice/ attention.
- If eye irritation persists: Get medical advice/ attention.

Storage Statement:

- Store in a well-ventilated place. Keep container tightly closed.
- Store locked up

Disposal

- Disposal should be through qualified contractor.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS #	Concentration %
Paradichlorobenzene	106-46-7	99

4. FIRST AID MEASURES

Ingestion:

Immediately rinse mouth with water. If swallowed do not induce vomiting. Give water to drink. Never give anything by mouth to an unconscious person. Seek immediate medical aid immediately.

Eye Contact:

Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Transport to the nearest medical facility for additional treatment. Do not rub eyes or keep eyes closed

Skin Contact:

Remove contaminated clothing. Flush exposed area with water and follow by washing with soap.

Inhalation:

Remove the effected person out to a ventilated area. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

5. FIRE FIGHTING MEASURE

Extinguishing Media:

Use dry chemical powder, foam, polymer foam, and water spray or fog type extinguishers. Water may be ineffective on fire. However, water spray may be used to extinguish fires and to absorb heat. Keep containers cool and protect exposed material. If a leak or spill has not ignited, water spray may be used to flush spills away from exposures.

Hazards from combustion products:

Combustible. On burning will emit noxious fumes.

Precautions for fire fighters and special protective equipment:

Alert fire brigade and tell them location and nature of hazard.

- Wear breathing apparatus plus protective gloves
- Prevent, by any means available, spillage from entering drains or water courses

Use fire fighting procedure suitable for surrounding area.

Use water delivered as a fine spray to control the fire and cool adjacent area.

Fire fighters to wear self-contained breathing apparatus if risk of exposure to Vapour or products of combustion as well as structural fire fighter uniform.

6. ACCIDENTAL RELEASE MEASURES

Emergency Precautions:

Personnel involved in the clean up should wear full protective clothing. Evacuate all unnecessary personnel. Increase ventilation. Avoid walking through spilled product as it may be slippery. Stop leak if safe to do so. Do not let product reach drain or waterways; advise the Environmental Protection Authority or your local Waste Management. Use clean, non-sparking tools and equipment.

Methods and Materials for Containment and Clean Up:

Where a spill has occurred, carefully scoop or shovel up uncontaminated product for re-use. Sweep up contaminated material and dispose of it in area approved by local authority by laws. The product sublimes in air and is not soluble in water. DO NOT allow product to contact painted surfaces. To avoid possible fabric staining, avoid direct contact with product.

7. HANDLING AND STORAGE

Handling:

Wash thoroughly after handling. Use only in a well ventilated area. Avoid contact with eyes, skin and clothing. Empty containers retain product and residue (liquid or vapour), and can be dangerous. Keep container tightly closed. Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Do not dispose of material to sewers or waterways.

Storage:

Store in a tightly closed container. Keep from contact with oxidizing agents. Store in cool, dry, well-ventilated area away from incompatible substances. Keep containers closed at all times, check regularly for leak.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards:

T.L.V for Paradichlorobenzene 75ppm

Engineering Controls:

The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion proof ventilation equipment

PERSONAL PROTECTIVE EQUIPMENT:

Respiratory Protection:

Where concentration in air may exceed the limits described in the National Exposure Standards, it is recommended to use a half face filter mask to protect from overexposure by inhalation. A type "A" filter material is considered suitable for this product.

Eye Protection:

Always use safety glasses or a face shield when handling this product.

Skin/Body Protection:

Always wear long sleeves and long trousers or coveralls, enclosed footwear or safety boots and chemical resistant gloves when manufacturing this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Yellow
Physical State:	Tablet
Odour:	Lemon Fragrance
Solubility:	60 mg/l
Vapour Density:	Not available
Freezing Point:	Not available
Ignition Point:	562 Deg C
Flash Point:	67 deg C Combustible solid

Specific Gravity:	1.45
Vapour pressure:	0.5mm Hg @ 25 deg C; 10mm Hg @ 55 deg C
% Volatilities	99% @ 20 deg C

10. STABILITY AND REACTIVITY

Chemical Stability:

Powerful oxidizing agent.

Conditions to avoid:

Avoid storage with oxidizers.

Incompatible Materials:

Oxidizing agents.

Hazardous decomposition:

Parachlorobenzene

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with the safety data sheet.

Symptoms or effects that may arise if the product is mishandled and the overexposure occurs are:

Acute Effects

Ingestion:

Small amounts of liquid aspirated into lungs during ingestion, or from vomiting. Ingestion of large amounts of this product will result in headaches, nausea, dizziness and tracheal burning.

Eye Contact:

This product is irritating and pain followed by swelling to the conjunctiva.

Skin Contact:

This product is irritating to skin.

Inhalation:

Irritating to respiratory tract. Exposure to high concentrations over an extended period of time may result in muscle weakness, tingling in hands and feet, blurred vision, headaches, nausea, loss of appetite, hallucinations and possible loss of consciousness.

Other health effects information

The effects of the constituents of this product causes severe skin burns and eye damage.

12. ECOLOGICAL INFORMATION

Persistence/ degradability:

This material is not readily biodegradable. Avoid contaminating waterways

Mobility:

No data available for this product.

Ecological Toxicity

Rainbow Trout- duration: 96 hr Endpoint LC50 Value: 0.88mg/l

Green Algae- duration: 96 hr Endpoint EC50 Value: 1.6mg/l

Water Flea- duration: 48 hr Endpoint LC50 Value: 10.5mg/l

13. DISPOSAL CONSIDERATIONS

Disposal Methods:

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities. Packaging may still contain fumes and vapours that are flammable and harmful.

Special precautions for landfill or incineration:

This product is not suitable for disposal by either landfill or via municipal sewers, drain, natural streams or rivers. This product is ash less and can be burned directly in appropriate equipment.

14. TRANSPORT INFORMATION

Road and Rail Transport:

Classified as Dangerous Goods by the criteria of New Zealand Dangerous Goods Code for transport by road and rail

Marine Transport:

Classified as Dangerous Goods by the criteria of international Maritime Dangerous Goods Code for transport by sea.

Air Transport:

Classified as Dangerous Goods by the criteria of international Air Association Dangerous Goods Regulations for transport by air



Shipping Name:	Environmentally Hazardous Substance, Solid
Hazard Class:	9
UN Number:	UN 3077
Packing Group:	III

15. REGULATORY INFORMATION

HSNO Approval No:	HSR002955
HSNO Classification:	6.1E (oral), 6.3A, 6.4A, 6.7B, 6.9B (inhalation) 9.1A (fish), 9.1D(algal), 9.1D (crustacean)

16. OTHER INFORMATION

New Zealand National Poison Information Centre:	0800 764 766
New Zealand Emergency Services:	111
Envirochem International (NZ) Ltd :	+64 9 262 0800

Every endeavour 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. Envirochem International (NZ) Limited 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 Local Councils regulations.