

SAFETY DATA SHEET

PORTAKLEEN : SANITISER

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name PORTAKLEEN
Product Code 193
Product Use Sanitiser for use in portable toilets, buses etc.
Company Name Chemtec Australia
Address 3/43 Byre Avenue
 Somerton Park SA 5044
Telephone 08 8350 9228
Fax 08 8350 9334
Emergency phone no. 0412 426 697
Email info@chemtecaustralia.com.au

2. HAZARDS IDENTIFICATION

GHS Classification H302 Harmful if swallowed Category 4
 H315 Causes skin irritation Category 2
 H318 Causes serious eye damage Category 1
 H35 May cause respiratory irritation Category 3
 H410 Very toxic to aquatic life with long lasting effects Category 1
Signal Word DANGER
Hazard Statement Do not breath spray
 Harmful in contact with skin. Wash with soap and water
Precautionary Statement
 Avoid contact with skin and eyes
 Wear eye protection and rubber gloves.
 Avoid inhaling mists. May cause respiratory irritation.
 If swallowed DO NOT induce vomiting. Give water or milk. Seek immediate medical help.
 Splashes on skin to be washed off immediately
 If splashed into eyes , remove contact lenses if present and wash with clean running water for 15 minutes. Seek medical attention immediately.
 Keep away from heat. Do not store near combustibles.
 Keep containers tightly closed and store in a lock-up facility.

Pictograms



3. COMPOSITION /INFORMATION ON INGREDIENTS

INGREDIENTS	CAS.NO.	PROPORTION
2-brom-2- nitropropan- 1,3- diol	52-51-7	5 - 15 %
Non hazardous ingredients		1 - 5 %
Water		Balance

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4. FIRST-AID MEASURES

INHALATION	<i>Avoid generating mists. Remove casualty from contaminated area Keep patient sitting in upright position</i>
INGESTION	<i>If swallowed Do Not induce vomiting. Rinse mouth. Give large quantities of water. If breathing has stopped, give artificial respiration. Transport to hospital immediately.</i>
SKIN	<i>If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water. Wash clothing before re-use. If irritation persists, seek medical advice.</i>
EYE	<i>Hold eyelids apart and flood the eye continuously with water for at least 10 minutes. Seek medical attention</i>
FIRST AID	<i>Initial focus is on the local action, signs of irritation of the respiratory tract such as coughing, burning behind the sternum, tears, burning in the eyes Eye wash. Safety shower , hand wash basin</i>
ADVICE TO DOCTOR	<i>Treat symptomatically</i>

5. FIREFIGHTING MEASURES

Extinguishing Media	<i>Water spray, Carbon dioxide, Dry powder or Foam</i>
Hazards from Combustion	<i>Material may produce toxic fumes</i>
Precaution for Firefighter	<i>Wear chemical suit. Prevent run off from entering drains and waterways</i>

6. ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURE

*Evacuate all unauthorised personnel. Do not breathe fumes or handle damaged containers
For small spills hose down area. For large spills absorb onto an inert material such as dirt or sand.
The collected material should then be transferred into suitable containers , labelled and disposed of in an appropriate way.
Dispose of waste according to applicable local and national regulations*

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

*Wear appropriate protective clothing
Avoid inhalation of vapours and mists and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use.
Prevent the build up of mists and vapours in the work atmosphere. Do not use near ignition sources, cut, heat containers as they may produce hazardous fumes. Maintain high standards of personal hygiene ie washing hands prior to eating, drinking, smoking or using toilet facilities*

CONDITIONS FOR SAFE STORAGE

Store in a cool, dry, well ventilated area away from sources of ignition , strong acids, foodstuffs and clothing. Large quantities should be stored in a bunded dangerous goods store. Prevent contact with aluminium, tin, zinc or galvanised iron. Store in original containers

PORTAKLEEN : SANITISER**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<i>Exposure Limits</i>	<i>No data available</i>
<i>Engineering Controls</i>	<i>This substance is hazardous . Adequate ventilation required so exposure limits are not exceeded.</i>
<i>Eye Protection</i>	<i>Safety glasses with side shields should be used.</i>
<i>Hand Protection</i>	<i>Wear gloves of impervious material such as neoprene, or nitrile rubber.</i>
<i>Hygiene Measures</i>	<i>Avoid contact with skin, eyes and clothing Wash hands after handling product. Keep away from foodstuffs.</i>
<i>Skin & Body Protection</i>	<i>Wear rubber apron Wear an approved respirator where handling large quantities is unavoidable. Provide for installation of emergency shower and eye bath</i>

9. PHYSICAL AND CHEMICAL PROPERTIES

<i>Appearance</i>	<i>Clear, blue liquid</i>
<i>Odour</i>	<i>Slight</i>
<i>pH</i>	<i>Approx. 7.0 at 20C</i>
<i>Boiling Point</i>	<i>Above 100C</i>
<i>Vapour Pressure</i>	<i>27 hPa @ 20C</i>
<i>Flash Point</i>	<i>Not available</i>
<i>Specific Gravity</i>	<i>1.00</i>
<i>Decomposition Temp.</i>	<i>Above 60C</i>

10. STABILITY AND REACTIVITY

<i>Chemical Stability</i>	<i>Stable under normal conditions of storage and handling</i>
<i>Conditions to avoid</i>	<i>Excess heat exposure .</i>
<i>Incompatible materials</i>	<i>Oxidising agents , strong bases and strong reducing agents.</i>
<i>Hazardous decomposition</i>	<i>In combustion emits toxic fumes</i>
<i>Hazardous polymerization</i>	<i>No data available</i>

11. TOXICOLOGICAL INFORMATION

<i>Acute toxicity</i>	<i>Oral LD50 (Rat) 180 mgm/kg Inhalation LC50 (Rat) 5000 mgm/kg 6 hour Dermal LD50 (Rat) 1600 mgm/kg</i>
<i>Ingestion</i>	<i>Harmful if swallowed. May cause nausea, vomiting, abdominal pain and diarrhoea.</i>
<i>Eyes</i>	<i>Strong irritant effect</i>
<i>Skin</i>	<i>Causes severe irritation and if untreated.</i>
<i>Inhalation</i>	<i>Not a risk</i>
<i>Carcinogenic</i>	<i>No evidence of carcinogenic properties</i>
<i>Chronic Effects</i>	<i>Repeated or prolonged skin contact may cause chronic dermatitis.</i>

PORTAKLEEN : SANITISER**12. ECOLOGICAL INFORMATION**

<i>Ecotoxicity</i>	<i>Toxic to aquatic life</i>
<i>Persistence/Degradability</i>	<i>98% biodegradable.</i>
<i>Mobility</i>	<i>Soluble in water</i>
<i>Bioaccumulative Potential</i>	<i>Low</i>
<i>Environmental</i>	<i>Do not discharge into drains, sewers, waterways</i>

13. DISPOSAL CONSIDERATIONS

<i>Spills & Disposal</i>	<i>Disposal of small spillages only. For large spillages liquids should be contained using sand or earth and both liquids and solids then transferred to salvage containers. Residues should be treated as for small spillages. CAUTION: Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance and for flammable materials, shut off all possible sources of ignition.</i>
<i>Disposal</i>	<i>Land fill, sewer (small quantities). Refer to Land Waste Management Authority in your State</i>

14. TRANSPORT INFORMATION

<i>Transport Information</i>	<i>This material is not classified as Dangerous Goods</i>
<i>Proper Shipping Name</i>	<i>None Assigned</i>
<i>UN.NO.</i>	<i>None Assigned</i>
<i>Packaging Group</i>	<i>None Assigned</i>
<i>Hazchem Code</i>	<i>None Assigned</i>
<i>DG Class</i>	<i>None Assigned</i>

15. REGULATORY INFORMATION

<i>Regulatory Information</i>	<i>Classified as non hazardous according to criteria of NOHSC Poisons Schedule S5</i>
<i>Hazard Category</i>	<i>Irritant to skin</i>
<i>Risk Statement</i>	<i>Non assigned.</i>
<i>Safety Statement</i>	<i>Keep out of reach of children. In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre. Wear suitable gloves and eye/face protection. In case of accident or if unwell, contact a doctor or Poisons Information Centre immediately.</i>

16. OTHER INFORMATION

<i>Preparer Signature</i>	<i>Technical Director</i>
<i>Contact</i>	<i>Telephone: 08 8350 9228</i>
	<i>24 hour emergency number 0412 426 697</i>

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