**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

<table>
<thead>
<tr>
<th>Supplier Name</th>
<th>JOHNSONDIVERSEY NEW ZEALAND LTD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>3 Diversey Lane, Wiri, Manukau, NEW ZEALAND, 2025</td>
</tr>
<tr>
<td>Telephone</td>
<td>+64 9 278 2119</td>
</tr>
<tr>
<td>Fax</td>
<td>+64 9 278 4286</td>
</tr>
<tr>
<td>Emergency</td>
<td>+0800 243 622</td>
</tr>
<tr>
<td>Web Site</td>
<td><a href="http://www.johnsondiversey.com/">http://www.johnsondiversey.com/</a></td>
</tr>
<tr>
<td>Synonym(s)</td>
<td>ALL PACK SIZES</td>
</tr>
<tr>
<td>Use(s)</td>
<td>ACIDIC IODINE BASED SANITISER</td>
</tr>
<tr>
<td>SDS Date</td>
<td>16 Oct 2008</td>
</tr>
</tbody>
</table>

**2. HAZARDS IDENTIFICATION**

**CLASSIFIED AS HAZARDOUS ACCORDING TO HAZARDOUS SUBSTANCES [CLASSIFICATION] REGULATIONS 2001**

**HSNO CLASSIFICATION**

- **8.2C** Substances that are corrosive to dermal tissue.
- **8.3A** Substances that are corrosive to ocular tissue.
- **9.1C** Substances that are harmful in the aquatic environment.

**HAZARD STATEMENT**

- **H314** Causes severe skin burns and eye damage.
- **H318** Causes serious eye damage.
- **H412** Harmful to aquatic life with long lasting effects.

**PREVENTION STATEMENT**

- **P102** Keep out of reach of children (applies only where the substance is available to the general public).
- **P103** Read label before use (applies only where the substance is available to the general public).
- **P260** Do not breathe dust/fume/gas/mist/vapours/spray.
- **P264** Wash thoroughly after handling.
- **P273** Avoid release to the environment. This statement does not apply where this is the intended use.
- **P280** Wear protective gloves/protective clothing/eye protection/face protection.

**RESPONSE STATEMENT**

- **P101** If medical advice is needed, have product container or label at hand (applies only where the substance is available to the general public).
- **P310** Immediately call a POISON CENTER or doctor/physician.
- **P321** Specific treatment is advised - see first aid instructions.
- **P363** Wash contaminated clothing before reuse.
- **P301 + P330 + P331** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- **P303 + P361 + P353** IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- **P304 + P340** IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
- **P305 + P351 + P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**STORAGE STATEMENT**

- **P405** Store locked up.
DISPOSAL STATEMENT
P501  In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided.

CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO LAND TRANSPORT RULE: DANGEROUS GOODS 2005; NZS 5433:2007, UN, IMDG OR IATA
UN No. 3264  DG Class 8  Subsidiary Risk(s) None Allocated
Packing Group III  Hazchem Code 2X  EPG 8A1

3. COMPOSITION/ INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS No.</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHOSPHORIC ACID</td>
<td>7664-38-2</td>
<td>1-10%</td>
</tr>
<tr>
<td>WATER</td>
<td>7732-18-5</td>
<td>&gt;60%</td>
</tr>
<tr>
<td>ETHOXYLATED ALCOHOL</td>
<td>68439-50-9</td>
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</table>

4. FIRST AID MEASURES

Eye  If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poison Information Centre or a doctor, or for at least 15 minutes.

Inhalation  If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

Skin  If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Ingestion  For advice, contact a Poison Information Centre on 0800 764 766 (0800 POISON) or +643 479 7248 (New Zealand) or a doctor (at once). If swallowed, do not induce vomiting.

Advice to Doctor  Treat symptomatically

First Aid Facilities  Eye wash facilities should be available.

5. FIRE FIGHTING MEASURES

Flammability  Non flammable. May evolve toxic gases (phosphorus oxides) when heated to decomposition. Contact with most metals may liberate flammable hydrogen gas.

Fire and Explosion  Non flammable. Treat as per requirements for Surrounding Fires: Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

Extinguishing  Non flammable. Prevent contamination of drains or waterways, absorb runoff with sand or similar.

Hazchem Code  2X

6. ACCIDENTAL RELEASE MEASURES

Spillage  If spilt (bulk), contact emergency services. Clear area of unprotected personnel. Ventilate area where possible. Wear splash-proof goggles, PVC/rubber gloves, coveralls, a Type B (Inorganic and Acid gas) respirator (where an inhalation risk exists). Cover with sodium bicarbonate or 50-50 mixture of sodium carbonate & calcium hydroxide. Collect for complete neutralisation & appropriate disposal.

7. STORAGE AND HANDLING

Storage  Store in cool, dry, well ventilated area, removed from alkalis, metals, nitromethane, sodium tetrahydroborate, heat sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Also store removed from oxidising agents.

Handling  Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Exposure Stds</th>
<th>Ingredient</th>
<th>Reference</th>
<th>TWA</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>ppm</td>
<td>mg/m3</td>
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CHEM ALERT
**PRODUCT NAME** DIVOSAN IODOPHOR

**Exposure Stds**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Reference</th>
<th>TWA ppm</th>
<th>STEL ppm</th>
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</thead>
<tbody>
<tr>
<td>Phosphoric acid</td>
<td>OSH (NZ)</td>
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<td>1.0</td>
</tr>
</tbody>
</table>

**Engineering Controls**

Do not inhale vapours. Use in well ventilated areas. In poorly ventilated areas, mechanical extraction ventilation is recommended. Maintain vapour levels below the recommended exposure standard.

**PPE**

Wear splash-proof goggles, PVC or rubber gloves and coveralls. When using large quantities or where heavy contamination is likely, wear: a PVC apron and rubber boots. Where an inhalation risk exists, wear: an Air-line or a Full-face Type B (Inorganic and Acid gas) respirator.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- **Appearance:** DARK BROWN LIQUID
- **Odour:** SLIGHT IODINE ODOUR
- **pH:** 1.2
- **Vapour Pressure:** 18 mm Hg @ 20°C
- **Vapour Density:** NOT AVAILABLE
- **Boiling Point:** 100°C (Approximately)
- **Melting Point:** < 0°C
- **Evaporation Rate:** AS FOR WATER
- **Solubility (Water):** SOLUBLE
- **Specific Gravity:** 1.06
- **% Volatiles:** > 60 % (Water)
- **Flammability:** NON FLAMMABLE
- **Upper Explosion Limit:** NOT RELEVANT
- **Lower Explosion Limit:** NOT RELEVANT

**10. STABILITY AND REACTIVITY**

- **Chemical Stability:** Stable under recommended conditions of storage.
- **Conditions to Avoid:** Avoid heat, sparks, open flames and other ignition sources.
- **Material to Avoid:** Incompatible with alkalis (eg. hydroxides), metals (evolving hydrogen gas), nitromethane and sodium tetrahydroborate. Also incompatible with oxidising agents (eg. peroxides).
- **Decomposition:** May evolve toxic gases (phosphorus oxides) when heated to decomposition.
- **Polymerization:** Polymerization is not expected to occur.

**11. TOXICOLOGICAL INFORMATION**

- **Health Hazard Summary:** Slightly corrosive - irritant. This product has the potential to cause acute and chronic health effects with over exposure. Use safe work practices to avoid eye or skin contact. Upon dilution, the potential for adverse health effects will be reduced. Chronic over exposure to sodium iodide may cause "iodism" with symptoms including skin rash, salivation, fever, bronchitis and anaemia at very high doses. Susceptible individuals will experience symptoms at very low levels.

  **Eye:** Slightly corrosive. Contact may result in irritation, lacrimation, pain, redness, conjunctivitis and possible burns.

  **Inhalation:** Slightly corrosive - irritant. Over exposure at high levels may result in mucous membrane irritation of the nose and throat with coughing. Due to the low vapour pressure of this product an inhalation hazard is not anticipated.

  **Skin:** Slightly corrosive. Contact may result in irritation, redness, itching, pain, rash, dermatitis and possible burns.

  **Ingestion:** Slightly corrosive. Ingestion may result in ulceration and burns to the mouth and throat, nausea, vomiting, abdominal pain and diarrhoea.

**Toxicity Data**

- PHOSPHORIC ACID (7664-38-2)
  - LD50 (Ingestion): 1530 mg/kg (rat)
  - LD50 (Skin): 2740 mg/kg (rabbit)
12. ECOLOGICAL INFORMATION

Environment  Phosphoric acid is hazardous to aquatic life at high concentrations. While acidity may be reduced by natural water minerals, the phosphate may persist indefinitely. When spilled onto soil, it will permeate downward, and may dissolve some of the soil matter, especially carbonate-based materials. Some acid will be neutralised, however significant amounts will remain for transport to groundwater.

13. DISPOSAL CONSIDERATIONS

Waste Disposal  Wearing the protective equipment detailed above, neutralise to pH 6-8 by SLOW addition to a saturated sodium bicarbonate solution or similar basic solution. Dilute with excess water and flush to drain. Waste disposal should only be undertaken in a well ventilated area.

Legislation  Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO LAND TRANSPORT RULE: DANGEROUS GOODS 2005; NZS 5433:2007, UN, IMDG OR IATA

<table>
<thead>
<tr>
<th>Shipping Name</th>
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<th>Subsidiary Risk(s)</th>
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<tbody>
<tr>
<td>CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.</td>
<td>3264</td>
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| IATA
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15. REGULATORY INFORMATION

Approval Code  HSR002526

Group Name  Cleaning Products (Corrosive) Group Standard 2006

HSNO Controls  Refer to the ERMA website for more information: www.ermanz.govt.nz

16. OTHER INFORMATION

Additional Information  ACIDS: When mixing acids with water (diluting), caution must be taken as heat will be generated which causes violent spattering. Always add a small volume of acid to a large volume of water, NEVER the reverse.

RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

ABBREVIATIONS:
ADB - Air-Dry Basis.
BEI - Biological Exposure Indice(s)
CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.
CNS - Central Nervous System.
EINECS - European INventory of Existing Commercial chemical Substances.
IARC - International Agency for Research on Cancer.
HEALTH EFFECTS FROM EXPOSURE:
It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:
The recommendation for protective equipment contained within this Chem Alert report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

Report Status
This document has been compiled by RMT on behalf of the manufacturer of the product and serves as the manufacturer’s Safety Data Sheet (‘SDS’).

It is based on information concerning the product which has been provided to RMT by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer.

While RMT has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

Prepared By
Risk Management Technologies
5 Ventnor Ave, West Perth
Western Australia 6005
Phone: +61 8 9322 1711
Fax: +61 8 9322 1794
Email: info@rmt.com.au
Web: www.rmt.com.au

SDS Date: 16 Oct 2008
End of Report