1. Identification of the Product and Company

Product Name: CHLORHEXIDINE SURGICAL SCRUB 4%
Product Code: CHL01449F
Other Names: None allocated
Use: Antiseptic skin cleanser.

Company Name & Contact Details
Medical Information Associate
Distributed by Perrigo Australia
Orion Laboratories Pty. Ltd., trading as Perrigo Australia
ABN 56 009 293 136
25-29 Delawney Street, Balcatta, Western Australia 6021 AUSTRALIA
Telephone (all hours): +61 8 9441 7800
FREE PHONE: 1800 805 546 FREE FAX: 1800 004 110
EMAIL: customerservice@perrigo.com.au; WEBSITE: www.perrigo.com.au
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Other Information
All reasonable care has been taken to ensure information and advice contained in this data sheet is accurate at time of printing. However, Orion accepts no liability for any loss or damages suffered as a consequence of reliance on the information contained herein.

2. Hazards Identification

Hazard Classification
This product is not hazardous. It is not classified as a Dangerous Good for the purpose of transport.

Do not mix with other chemicals or detergents.
Avoid contact with eyes and ears.

3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Entity</th>
<th>CAS No.</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlorhexidine Gluconate</td>
<td>18472-51-0</td>
<td>&lt; 10% w/v</td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>&lt; 10% w/v</td>
</tr>
<tr>
<td>Surfactant</td>
<td>-</td>
<td>&lt; 30% w/v</td>
</tr>
<tr>
<td>Glycerol</td>
<td>56-81-5</td>
<td>&lt; 10% w/v</td>
</tr>
<tr>
<td>Colour</td>
<td>-</td>
<td>&lt; 10%</td>
</tr>
<tr>
<td>Purified Water</td>
<td>7732-18-5</td>
<td>To 100%</td>
</tr>
</tbody>
</table>

4. First Aid Measures

Inhalation: Move patient to fresh air.

Ingestion: If swallowed, contact a doctor or Poisons Information Centre (Australia 131126). Do NOT induce vomiting, give milk.

Skin: This product is intended to be a skin wash. Wash off with water. If spilt on clothes, wash before use.

Eye: Hold eyelids open and flush with gently running water for at least 15 minutes. If stinging or redness continues, seek medical advice.

Advice to Doctor: If swallowed, treat as for dishwashing detergent. Chlorhexidine is poorly absorbed from the gastrointestinal tract. Toxic effects due to the ingestion of chlorhexidine should be treated by gastric lavage.
5. Fire Fighting Measures

Extinguishing Media
Water jets/fog or mist, foam, dry chemical agent.

Hazards from Combustion products
On burning, may emit toxic fumes.

Precautions & Equipment for Fire Fighters
Not considered to be a fire risk. Fire-fighters should wear self-contained breathing apparatus as exposure to vapour or combustion products is likely.

Hazchem Code
None allocated

6. Accidental Release Measure

Spillage will be slippery. For large spills, cover with inert absorbent material (sand, vermiculite) where appropriate. Collect and seal in properly labelled containers for disposal. Wash area well with water.

7. Handling and Storage

Safe Handling Practices
Safe handling procedures should be employed at all times.

Storage
Store below 30°C.

Other Information
Protect from light.

8. Exposure Controls; Personal Protection

Exposure Limits:
No data available.

Engineering Controls
No special requirements. Use with adequate ventilation at all times.

Personal Protection
No special requirements necessary. Avoid spillages which will be slippery.

9. Physical and Chemical Properties

Appearance / Odour:
A viscous, soapy, pink solution with a faint odour.

pH:
5.2 – 5.4

Vapour Pressure:
No data available

Vapour Density:
No data available

Boiling Point:
No data available

Freezing/Melting Point:
No data available

Solubility:
Miscible in water @ 20°C

Specific Gravity or Density:
1.038 g/mL @ 20°C

Viscosity @ 20°C:
30 – 100mm²s⁻¹

10. Chemical Stability and Reactivity Information

Conditions Contributing to Instability
This product is stable under the specified conditions of storage.
# 11. Toxicological Information

<table>
<thead>
<tr>
<th>Route</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>No hazard under normal conditions of use.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Irritating to the gastrointestinal tract causing vomiting and diarrhoea.</td>
</tr>
<tr>
<td>Skin</td>
<td>Skin sensitivity to chlorhexidine has occasionally been reported. Toxic if allowed to enter the ear canal.</td>
</tr>
<tr>
<td>Eye</td>
<td>Irritating to the eye. May cause stinging and redness.</td>
</tr>
</tbody>
</table>

# 12. Ecological Information

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mobility</td>
<td>No data available.</td>
</tr>
<tr>
<td>Persistence and Degradability</td>
<td>No data available.</td>
</tr>
<tr>
<td>Ecotoxicity</td>
<td>No data available.</td>
</tr>
</tbody>
</table>

# 13. Disposal Considerations

<table>
<thead>
<tr>
<th>Disposal Methods &amp; Containers / Special Disposal for Landfill or Incineration</th>
<th>Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wash empty containers with water.</td>
<td>Waste material may be incinerated under controlled conditions where permitted. Refer to local Waste Management Authority Regulations for other approved methods.</td>
</tr>
</tbody>
</table>

# 14. Transport Information

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN Number</td>
<td>None allocated</td>
</tr>
<tr>
<td>UN Proper Shipping Name</td>
<td>None allocated</td>
</tr>
<tr>
<td>DG Class &amp; Subsidiary Risk</td>
<td>None allocated</td>
</tr>
<tr>
<td>Packing Group</td>
<td>None allocated</td>
</tr>
<tr>
<td>Hazchem Code</td>
<td>None allocated</td>
</tr>
</tbody>
</table>

# 15. Regulatory Information

Schedule 6.

# 16. Other Information

References:
- Chlorhexidine Digluconate 20% Solution Code:20023 Version 005 July 2002 MSDS API
- Ethanol MSDS-022 issued 08/2008 CSR
- EMPIGEN OB/AU; EMPIGEN OB/K MSDS 26 June 1992 Albright & Wilson (Australia) Ltd.
- TERIC PE87 000030274201 MSDS 06.03.2000 Orica Chemicals

END OF MSDS