



**MATERIAL SAFETY DATA SHEET**  
**CHLORHEXIDINE SURGICAL SCRUB 4%**

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**1. Identification of the Product and Company**

<b>Product Name:</b>	<b>CHLORHEXIDINE SURGICAL SCRUB 4%</b>
<b>Product Code:</b>	CHL01449F
<b>Other Names:</b>	None allocated
<b>Use:</b>	Antiseptic skin cleanser.
<b>Company Name &amp; Contact Details</b>	Drug Information Pharmacist ORION Laboratories Pty Ltd ABN 56 009 293 136 25-29 Delawney Street, Balcatta, Western Australia 6021 AUSTRALIA <b>Telephone (all hours): +618 9441 7800</b> FREE PHONE: 1800 805 546 FREE FAX: 1800 004 110 EMAIL: customerservice@orion.net.au; WEBSITE: www.orion.net.au ORION® is a registered trademark of Orion Laboratories Pty Ltd
<b>Other Information</b>	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**

<b>Hazard Classification</b>	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.
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**3. Composition/Information on Ingredients**

<b>Chemical Entity</b>	<b>CAS No:</b>	<b>Proportion</b>
Chlorhexidine Gluconate	18472-51-0	< 10% w/v
Ethanol (alcohol)	64-17-5	< 10% v/v
Surfactant	-	< 30% w/v
Glycerol	-	< 10% w/v
Colour	-	< 10%
Purified Water	7732-18-5	To 100%

**4. First Aid Measures**

<b>Inhalation:</b>	Move patient to fresh air.
<b>Ingestion:</b>	If swallowed, contact a doctor or Poisons Information Centre. Do NOT induce vomiting, give milk.
<b>Skin:</b>	This product is intended to be a skin wash. Wash off with water. If spilt on clothes, wash before use.
<b>Eye:</b>	Hold eyelids open and flush with gently running water for at least 15minutes. If stinging or redness continues, seek medical advice.
<b>Advice to Doctor:</b>	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

<b>Extinguishing Media</b>	Water jets/fog or mist, foam, dry chemical agent.
<b>Hazards from Combustion products</b>	On burning, may emit toxic fumes.
<b>Precautions &amp; Equipment for Fire Fighters</b>	Not considered to be a fire risk. Fire-fighters should wear self-contained breathing apparatus as exposure to vapour or combustion products is likely.
<b>Hazchem Code</b>	None allocated

### 6. Accidental Release Measure

Spillage will be slipper. 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

<b>Safe Handling Practices</b>	Safe handling procedures should be employed at all times.
<b>Storage</b>	Store below 30°C.
<b>Other Information</b>	Protect from light.

### 8. Exposure Controls; Personal Protection

<b>Exposure Limits:</b>	No data available.
<b>Engineering Controls</b>	No special requirements. Use with adequate ventilation at all times.
<b>Personal Protection</b>	No special requirements necessary. Avoid spillages which will be slippery.

### 9. Physical and Chemical Properties

<b>Appearance / Odour:</b>	A viscous, soapy, pink solution with a faint odour.
<b>pH:</b>	5.2 – 5.4
<b>Vapour Pressure:</b>	No data available
<b>Vapour Density:</b>	No data available
<b>Boiling Point:</b>	No data available
<b>Freezing/Melting Point:</b>	No data available
<b>Solubility:</b>	Miscible in water @ 20°C
<b>Specific Gravity or Density:</b>	1.038 g/mL @ 20°C
<b>Viscosity @ 20°C:</b>	30 – 100mm <sup>2</sup> s <sup>-1</sup>

### 10. Chemical Stability and Reactivity Information

<b>Conditions Contributing to Instability</b>	This product is stable under the specified conditions of storage.
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**11. Toxicological Information**

**Inhalation:** No hazard under normal conditions of use.  
**Ingestion:** Irritating to the gastrointestinal tract causing vomiting and diarrhoea.  
**Skin:** Skin sensitivity to chlorhexidine has occasionally been reported. Toxic if allowed to enter the ear canal.  
**Eye:** Irritating to the eye. May cause stinging and redness.

**12. Ecological Information**

**Mobility:** No data available.  
**Persistence and Degradability:** No data available  
**Ecotoxicity:** No data available

**13. Disposal Considerations**

**Disposal Methods & Containers / Special Disposal for Landfill or Incineration:** Wash empty containers with water. Waste material may be incinerated under controlled conditions where permitted. Refer to local Waste Management Authority Regulations for other approved methods.

**14. Transport Information**

**UN Number:** None allocated  
**UN Proper Shipping Name:** None allocated  
**DG Class & Subsidiary Risk:** None allocated  
**Packing Group:** None allocated  
**Hazchem Code:** None allocated

**15. Regulatory Information**

Not classified using the criteria in the Standard Uniform Schedule for Drugs and Poisons.

**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.*  
*EMPILAN FD MSDS 30 Nov 1992 Albright & Wilson (Australia) Ltd.*  
*TERIC PE87 000030274201 MSDS 06.03.2000 Orica Chemicals*

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Date	Document	Superseded Document	Revision Information
December 2002	CHL01449F_5 December 2005	CHL01449F_4 November 2002	New format

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December 2008	CHL01449F_06 December 2008	CHL01449F_5 December 2005	General review
December 2011	CHL01449F_06 December 2011	CHL01449F_06 December 2008	General review

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