



MATERIAL SAFETY DATA SHEET
RIOTANE™ (CHLORHEXIDINE 0.5% in ALCOHOL 70% TINTED PINK)

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1. Identification of the Product and Company

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| Product Name: | RIOTANE™ (CHLORHEXIDINE 0.5% in ALCOHOL 70% TINTED PINK) |
| Product Code: | RIO02173F, RIO02180F, RIO02191F |
| Other Names: | None allocated |
| Use: | A hospital grade disinfectant. |
| Company Name & Contact Details | Drug Information Pharmacist ORION Laboratories Pty Ltd ABN 56 009 293 136 25-29 Delawney Street, Balcatta, Western Australia 6021 AUSTRALIA Telephone (all hours): +618 9441 7800 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 |
| 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

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| Hazard Classification | HAZARDOUS SUBSTANCE. DANGEROUS GOOD. |
| Risk phrase(s) | R11 – Highly Flammable; R20/22 – Harmful by inhalation and if swallowed; R36/38 – Irritating to the eyes and skin; R66 – Repeated exposure may cause skin dryness and cracking. |
| Safety phrase(s) | S7 – Keep container tightly closed; S16 – Keep away from sources of ignition – no smoking; S23 – Do not breathe vapour; S24/25 – Avoid contact with skin and eyes; S29 – Do not empty into drains; S33 – Take precautionary measures against static discharges; S36/37/39 – Wear suitable protective clothing/gloves and eye/face protection; S45 – In case of accident or if you feel unwell seek medical advice immediately (show the label whenever possible). |

3. Composition/Information on Ingredients

| Chemical Entity | CAS No: | Proportion |
|-------------------------|----------------|-------------------|
| Ethanol (alcohol) | 64-17-5 | >60% |
| Chlorhexidine gluconate | 18472-51-0 | <10% |
| Colour | - | <10% |
| Purified Water | 7732-18-5 | to 100% v/v |

4. First Aid Measures

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| Inhalation: | Remove patient to fresh air. If respiratory irritation, dizziness, nausea or headache occurs, seek immediate medical attention. Apply artificial respiration if breathing stops. |
| Ingestion: | If swallowed, give large amounts of water to drink. Do not induce vomiting. Contact a doctor or Poisons Information Centre. |
| Skin: | Remove contaminated clothing and wash skin with water. Launder contaminated clothing before use. |
| Eye: | Hold eyelids open and flush eye with gently running water for at least 15 minutes. Seek medical attention promptly if irritation persists. |
| Advice to Doctor: | Care should be taken during emesis to prevent pulmonary aspiration of the return flow. If respiration is depressed, assisted respiration may be necessary. |

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10. Stability and Reactivity

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| Chemical Stability: | Stable |
| Hazardous Polymerisation: | Will not occur |
| Incompatible Materials: | Will react with strong oxidizing agents |
| Conditions to Avoid: | Heat, sparks, flame and build-up of electricity. |
| Hazardous Decomposition: | Burning can produce carbon monoxide and/or carbon dioxide |

11. Toxicological Information

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| Inhalation: | Moderately irritating to mucous membranes. |
| Ingestion: | May cause nausea and vomiting. Aspiration may cause lung damage. |
| Skin: | May cause irritation and reddening. |
| Eye: | Vapour may irritate the eyes. Liquid or mist may irritate or damage the eyes |
| Chronic: | Long term exposure by swallowing or repeated inhalation may cause degenerative changes in the liver, kidneys, gastrointestinal tract and heart muscle. LD50/oral/rat: 7060mg/kg; LC50/inhalation/rat 38mg/l/10h [literature data for pure Ethanol]. |

12. Ecological Information

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| Mobility in Soil: | Not known. |
| Persistence and Degradability: | No data available; Degree of elimination (ethanol 100%) 94% |
| Ecotoxicity: | Toxicity to fish: > 1000mg/L/48h (Ethanol 100%) |

13. Disposal Considerations

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| Disposal Methods & Containers: | 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. Empty containers should be decontaminated by rinsing with water prior to disposal. |
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14. Transport Information

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| UN Number: | UN number 1170. Dangerous substance for the purpose of transport. Refer to appropriate State Regulations for storage and transport requirements. |
| UN Proper Shipping Name: | Ethanol Solutions |
| DG Class & Packing Group: | Classified as Flammable Liquid class 3, PG II. |
| Hazchem Code: | 2[Y]E |

15. Regulatory Information

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| Poisons Schedule: | Not scheduled |
| Classification: | Hazardous according to criteria of NOHSC. Dangerous Good according to criteria of the Australian Dangerous Good Code. |