Reynard is reassurance.

Reynard Health Supplies

Safety Data Sheet

RHS 401 Reynard Alcohol and Chlorhexidine Prep Pads
RHS 422 Reynard Alcohol and Chlorhexidine Prep Pads – Large size
RHS 473 Reynard Alcohol and Chlorhexidine Swabstick

Section 1. Identification of the material and the supplier

Product:	**Reynard Alcohol and Chlorhexidine Prep Pads/Swabsticks**
Product Use:	A wet pad or swabsticks used to sanitise the skin prior to an injection.
Restriction of Use:	Refer to Section 15
New Zealand Supplier:	**Reynard Health Supplies**
Address:	17 Napier Road PO Box 8470 Havelock North New Zealand
Telephone:	+64 6 650 0708
Fax:	+64 6 650 1709
Emergency No:	**0800 764 766 (National Poison Centre)**
Date of SDS Preparation:	23 April 2026
Version:	2.0

Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval No: Cosmetic Products – HSR002552

Pictograms



Flammable Irritant

Signal Word: **DANGER**

GHS Classification and Category	Hazard Code	Hazard Statement
Flammable Liquids Cat. 2	H225	Highly flammable liquid and vapour.

Eye irritation Cat. 2	H319	Causes serious eye irritation.

Prevention Code	Prevention Statement
P103	Read label before use.
P210	Keep away from heat, sparks, open flames or hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground, bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating, lighting.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P264	Wash hands thoroughly after handling.
P280	Wear protective clothing as detailed in Section 8.

Response Code	Response Statement
P303 + P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P370 + P378	In case of fire: Use water spray, alcohol resistant foam, carbon dioxide and dry powder for extinction.

Storage Code	Storage Statement
P403 + P235	Store in a well-ventilated place. Keep cool.

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Propan-2-ol	70	67-63-0
Chlorhexidine digluconate	2	18472-51-0

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes — If the impregnating fluid comes into direct contact with the eyes, immediately flush the eye with plenty of water. If irritation develops, seek medical advice. If eye irritation persists: Get medical advice.

If on Skin — Wash with plenty of soap and water. If skin irritation occurs: get medical advice/attention.

If Swallowed — Rinse mouth. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Seek medical attention if needed.

If Inhaled — Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

Most important symptoms and effects, both acute and delayed
Symptoms:
Ingestion: Not applicable

Inhalation: Not applicable
Skin: Not applicable
Eye: Causes serious eye irritation

Section 5. Fire Fighting Measures

Hazard Type	Flammable Liquid
Hazards from combustion products	In the event of a large fire, toxic fumes containing oxides of carbon may be formed.
Suitable Extinguishing media	Water spray, Alcohol resistant foam, Carbon dioxide and dry powder. Do not use: Water jet.
Precautions for firefighters and special protective clothing	Standard protective equipment should be worn by fire fighters. In the event of a large fire, toxic fumes containing oxides of carbon may be formed, which would necessitate the use of a self-contained breathing apparatus.
HAZCHEM CODE	**1Z**

Section 6. Accidental Release Measures

Wear protective gear as detailed in Section 8. Evacuate all unnecessary personnel. Avoid direct contact of the impregnating fluid with the eyes.

Eliminate all sources of ignition, because vapour may travel considerable distance to source of ignition with resultant flash-back; absorb any impregnating fluid onto a suitable inert material, which should be collected mechanically with spilled product for subsequent disposal.

Section 7. Handling and Storage

Precautions for Handling:

- Read label before use.
- Keep away from heat, sparks, open flames or hot surfaces. No smoking.
- Keep container tightly closed.
- Ground, bond container and receiving equipment.
- Use explosion-proof electrical, ventilating, lighting.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Wash hands thoroughly after handling.
- Wear protective clothing as detailed in Section 8.

Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Store in a well-ventilated place. Keep cool.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	**TWA ppm**	**TWA mg/m³**	**STEL ppm**	**STEL mg/m³**
Isopropyl alcohol [67-63-0]	400	983	500	1,230

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices NOV 2019 11TH EDITION.

Engineering Controls
Ensure adequate ventilation.

Personal Protection Equipment

Eyes	None required under normal conditions of use. For bulk use wear protective goggles.
Hands	None required under normal conditions of use
Respiratory	None required under normal conditions of use

Section 9 Physical and Chemical Properties

Appearance	White non-woven fabric or swabstick impregnated with a colourless solution.
Odour	Etheral
Odour Threshold	Not available
pH	Not available
Boiling Point	85^0C
Melting Point	Not available
Freezing Point	Not available
Flash Point	$<21^0$C
Flammability	Impregnating fluid is highly flammable
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Specific Gravity	Not available
Water Solubility	Impregnating fluid is completely miscible with water
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Particle Characteristics	Not available

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Possibility of hazardous reactions	No data available
Conditions to Avoid	Sources of ignition.
Incompatible Materials	None known.
Hazardous Decomposition Products	No data available

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable. Oral LD50 (rat) value for the impregnating fluid is calculated from those of the individual ingredients to be >8,300 mg/kg.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Causes serious eye irritation.
Skin	Not applicable.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

Individual component information:
Acute Toxicity:

Chemical Name	Oral – LD50	Dermal – LD50	Inhalation – LC50
Chlorohexidine Digluconate (18472-51-0)	1260 mg/kg (mouse)	>1000mg/kg (Rat)	>2.06mg/L(Rat)

Section 12. Ecotoxicological Information

Based on the ingredients present and their concentrations, this preparation is, according to the conventional method of Directive 1999/45/EC and subsequent amendments, classified as not 'Dangerous' to the environment.

Product:	
Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Individual component information (Please refer to www.epa.govt.co.nz for full details):
Chlorohexidine Digluconate (18472-51-0)

Route	Species	Duration	Value LC50/EC50
Acute aquatic, fish	Lepomis macrochirus Bluegill	96 hr	0.6 mg/L
Acute aquatic, Crustacean	Daphnia magna (Water flea)	48 hr	0.063mg/L
Bioaccumulative	Not Determined		
Rapidly Degradable	Not Determined		

Section 13. Disposal Considerations

Disposal Method:
Dispose wipes and swabs in hospital waste

Precautions or methods to avoid: None known.

Section 14 Transport Information

This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2012



Road, Rail, Sea and Air Transport

UN No	3175
Class - Primary	4.1
Packing Group	II
Proper Shipping Name	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
Marine Pollutant	No
Special Provisions	If the product's individual container is below 1kg, it can be

	transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.

According to ADR this preparation is listed under UN 3175 and for which there is a LQ1 Limited Quantities coding. However, since the net weight of the preparation in a pack is less than 120ml and the gross weight of the packs of the preparation in the transport case is less than 30kg, the provisions of ADR are not applicable to the preparation except that the transport case has to be marked with a 100 x 100 mm white diamond shaped area surrounded by a 2mm wide line within which 'UN No. 3175' is printed to a height of at least 6mm.and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.

Section 15 Regulatory Information

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: Cosmetic Products – HSR002552

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	100L(>5L), 250L(<5L), 50L open
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	250 L (Flam Liq 2)
Emergency Response Plan	1000 L (Flam Liq 2)
Secondary Containment	1000 L (Flam Liq 2)
Restriction of Use	Only use for the intended purpose.

Section 16 Other Information

Glossary

Cat	Category
EC_{50}	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC_{50}	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD_{50}	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2017 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd 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 TCC (NZ) have 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, TCC (NZ) Ltd accept 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

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Please contact Reynard Health, if further information is required.

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