

# Safety Data Sheet

RHS417, RHS438 & RHS451G



Reynard Sterile 70% alcohol prep pads

## 1. Identification of the substance/mixture and of the company/undertaking

Product Name:	Reynard Sterile 70% isopropyl alcohol prep pads
Product Code:	RHS417/RHS438/RHS451G
Identified use of the product:	A wetted pad used to sanitise the skin prior to an injection.
Company Name:	Reynard Health Supplies (Aus) Pty Ltd
Address:	Suite 4.03, Level 4, 44 Hampden Road, Artarmon, NSW, 2064, Australia.
Telephone Number:	+61 1300 667 199
E-mail:	enquiries@reynardhealth.com.au
<b>Emergency Telephone:</b>	<b>13 11 26</b>
Date of SDS Preparation:	31/01/2024

## 2. Hazards identification

This product is classified as a hazardous chemical according to the Model Work Health and Safety Regulations, 2011, in accordance with applicable State and Territory legislation.

GHS Classification	Pictogram	Hazard statement
Flammable Liquid - Category 2	 Flame	H225; Highly flammable liquid and vapour
Serious Eye Damage/Irritation - Category 2A	 Exclamation mark	H319; Causes serious eye irritation
Specific Target Organ Toxicity (Single Exposure) - Category 3		H336; May cause drowsiness or dizziness

**Precautionary Statement(s):**

<b>Prevention</b>	
P102	Keep out of reach of children.
P103	Read label before use.
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating, lighting and all other equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge
P261	Avoid breathing mist, vapours or spray.
P264	Wash hands, face and all exposed skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective clothing, gloves, eye/face protection and suitable respirator.

<b>Response</b>	
P101	If medical advice is needed, have product container or label at hand.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
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 victim 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.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P370 + P378	In case of fire: Use alcohol resistant foam or dry agent for extinction

<b>Storage</b>	
P403 + P235	Store in a well ventilated place. Keep cool
P405	Store locked up

<b>Disposal</b>	
P501	Dispose of contents/container in accordance with local, regional, national and international regulations

**3. Composition and information on ingredients**

Declarable components	Conc. (%)	EC No.	CAS No.	Classification	
				67/548/EEC	1272/2008
Propan-2-ol	68-75	200-661-7	67-63-0	F: R10, Xi: R36, R67	Flam Liq. 2: H225, Eye Irrit. 2: H319, STOT SE 3: H336.

## 4. First aid measures

Eye contact	If the impregnating fluid comes into direct contact with eyes, immediately flush eyes with plenty of water. If irritation develops, seek medical advice.
Skin contact	Wash affected area with soap and water. If irritation occurs, seek medical attention. Launder contaminated clothing before re-use.
Ingestion	If swallowed, wash out mouth thoroughly and give water to drink. Seek medical attention if significant amounts (e.g. more than a teaspoonful) are ingested, or for any symptoms occurring after ingestion. Do not induce vomiting, unless instructed by medical personnel.
Inhalation	Not considered to present an inhalation hazard under normal conditions of use.
Most Important symptoms and effects, both acute and delayed	May cause eye irritation. Vapours may cause drowsiness or dizziness.
Medical attention and special treatment	Treat symptoms as they occur.

## 5. Fire fighting measures

Hazard type	Flammable
Suitable extinguishing equipment	Water spray/fog, foam, Carbon dioxide and dry powder.
Extinguishing equipment which must NOT be used:	Water jet.
Special protective equipment and precautions for 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	2YE

## 6. Accidental release measure

Personal precautions, protective equipment and emergency procedures	Avoid direct contact of the impregnating fluid with the eyes. Ensure all sources of ignition are extinguished.
Environmental precautions	Contact authorities, water company, and waste-water treatment plant as appropriate if significant contamination occurs.
Methods and materials for containment and cleaning up	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.
--	--

## 7. Handling and storage

### Precautions for safe handling:

- Avoid prolonged exposure (ingestion, inhalation, or skin contact).
- Avoid breathing vapors.
- Use in well-ventilated areas.
- Keep product away from heat, sparks and flames.

### Information about protection against explosions and fires:

- Keep ignition sources away – Do not smoke
- Protect from heat
- Protect against electrostatic charges

### Conditions for safe storage:

- Store under normal warehouse conditions away from possible sources of ignition.

## 8. Exposure controls and personal protection

Ingredient	CAS No.	STD	LTEL (8 hours)	STEL (15 minutes)
Propan-2-ol	67-63-0	OES	980mg/m3	1,225mg/m3

### Personal protective equipment:

- None required under normal conditions of use.

### Engineering controls:

- For industrial use of the liquid, good general ventilation is recommended.
- Where exposure limits may be exceeded, local exhaust ventilation may be necessary.

**Environmental exposure controls:** Not available

## 9. Physical and chemical properties

Appearance	White non-woven fabric impregnated with a colourless solution
Odour	Ethereal
Boiling point of impregnating fluid	ca. 85°C
Melting Point	Not available
Freezing point	-88 to -90°C (propan-2-ol)

Flash point of impregnating fluid	<21°C
Flammability	Impregnating fluid is highly flammable
Upper and lower explosive limits	Not available
Vapour pressure	4.3 kPa (propan-2-ol)
Vapour density	Not available
Relative density	Not available
Solubility	Impregnating fluid is completely miscible with water
Partition coefficient	Not available
Auto-ignition temperature	Product is not self-igniting
Decomposition temperature	Not available
Viscosity	Not available

## 10. Stability and reactivity

Reactivity	Stable under normal conditions of use
Chemical stability	Stable under normal conditions of use
Possibility of hazardous reactions	None known
Conditions to avoid	Sources of ignition (e.g. heat, spark, flame).
Incompatible materials	Oxidising agents, ammonia, and chlorine. Contact with anionic substance will reduce effectiveness of the product
Hazardous decomposition products	None known

## 11. Toxicological information

Acute toxicity	Oral LD50 (rat) value for the impregnating fluid calculated from those of the individual ingredients is >8,300 mg/kg
Specific Target Organ Toxicity (STOT) – single exposure:	Inhalation LC50 Rat 72.6 mg/L 4 h; Oral LD50 Rat 4396 mg/kg; Dermal LD50 Rat 12800 mg/kg; Dermal LD50 Rabbit 12870 mg/kg
Specific Target Organ Toxicity (STOT) – repeated exposure	May cause respiratory irritation and drowsiness or dizziness
Irritation	May cause eye irritation. Prolonged or repeat exposure may cause skin irritation.
Corrosivity	May cause irritation, drying, defatting of the skin. Prolonged contact may cause dermatitis.
sensitisation	This product is not a respiratory or skin sensitization

	hazard
Carcinogenicity	This product is not reported to have any carcinogenic effects.
Mutagenicity	Not available
Toxicity for reproduction	This product is not reported to have any reproductive toxicity effects.

## 12. Ecological information

Ecotoxicity	Aquatic toxicity: 6851 mg/l (Green algae), 5102 mg/l (Water flea)
Persistence and degradability	No data available
Bioaccumulative potential	Not expected to bioaccumulate significantly
Mobility in soil	No data available
Other adverse effects	No data available

## 13. Disposal considerations

### Disposal Method:

Dispose of the preparation waste according to national and local regulations.

**Precautions:** None known

### Disposal Methods to avoid:

Do not flush. Do not dispose of significant quantities of the impregnating fluid into drains and water courses

## 14. Transport information

According to ADR this preparation is listed under UN 3175 and for which there is a LQ8 Limited Quantities coding. However, since the net weight of the preparation in a pack is less than 3kg 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.

**Environmental hazards:** Marine pollutant

**Special precautions for user:** Not available

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not available

## 15. Regulatory information

This preparation is classified as 'Hazardous' for labelling purposes.

### Label for supply:

Hazard symbols

F Highly flammable



Xi Irritant



### Safety phrases:

S(2) - Keep out of reach of children

S16 - Keep away from sources of ignition - No smoking

S25 - Avoid contact with the eyes.

S26 - In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice.

## 16. OTHER INFORMATION

**Issue date:** 31 January 2024

**Review date:** 31 January 2029

This Safety Data Sheet, which takes into consideration the requirements of Directive 1999/45/EC and subsequent amendments, has been prepared in accordance with Directive (EC) 1907/2006. It is believed to be correct and corresponds to the latest scientific/technical knowledge but all data, instructions, recommendations and/or suggestions are made without guarantee.