



# RHS 401

## Reynard Alcohol and Chlorhexidine Prep Pads

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: Reynard Alcohol and Chlorhexidine Prep Pads  
 Product Code: RHS401  
 Use(s) of substance/preparation: A wet pad used to sanitise the skin prior to an injection.  
 Company Name: Reynard Health Supplies  
 17 Napier Road  
 Havelock North  
 New Zealand  
 Telephone: +64 6 650 0709  
 Fax: +64 6 650 1709  
 E-mail: nz@reynardhealth.com

### 2. HAZARDS IDENTIFICATION

This material is classified as 'Hazardous' according to Directive 1999/45/EC and subsequent amendments.

Hazard symbols: F, Xi  
 Risk phrases: R11 - Highly flammable  
 R36 - Irritating to eyes

**Eye contact:** Not expected to present a hazard to the eyes under normal conditions of use but direct contact of the impregnating fluid with the eyes would cause irritation.

**Inhalation:** Not considered to present an inhalation hazard under normal conditions of use.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**CAS Number:** Not applicable, preparation is a mixture.

**EINECS Number:** Not applicable, preparation is a mixture.

**Composition:** An aqueous solution of 70% Isopropanol and 2% Chlorhexidine digluconate, which are listed in Annex II of Regulation (EC) 1451/2007 for Product Type 1, impregnated onto a non-woven fabric.

Hazardous ingredients:

Ingredient	CAS NO.	EINECS	% w/w	Symbols	Risks
Propan-2-ol	67-63-0	200-661-9	70%	F Xi	11 36, 67
Chlorhexidine digluconate	18472-51-0	242-354-0	2%	Xi, N	41, 50

#### 4. FIRST AID MEASURES

**Eye contact:** 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.

#### 5. FIRE FIGHTING MEASURES

**Extinguishing media:** Water spray, Alcohol resistant foam, Carbon dioxide and dry powder.

**Extinguishing media which must NOT be used:** Water jet.

Standard protective equipment should be worn by fire fighters.

**Protection of 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.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Avoid direct contact of the impregnating fluid with the eyes.

**Clean-up procedures:** 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

**Handling:** Avoid contact with the eyes and do not use near possible sources of ignition.

**Storage:** Store under normal warehouse conditions away from possible sources of ignition.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure controls:**

Ingredient	CAS NO.	STD	LTEL (8 hours)	STEL (15 minutes)
Propan-2-ol	67-63-0	OES	980mg/m <sup>3</sup>	1,225mg/m <sup>3</sup>

**Personal protective equipment:** None required under normal conditions of use.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** White non-woven fabric impregnated with a colourless solution

**Odour:** Ethereal

**pH of impregnating fluid:** n/a

**Boiling point of impregnating fluid:** ca. 85°C

**Flash point of impregnating fluid:** <21°C

**Flammability:** Impregnating fluid is highly flammable

**Solubility in water:** Impregnating fluid is completely miscible with water

#### 10. STABILITY AND REACTIVITY

This preparation is stable under normal conditions of storage and use and no chemical incompatibility is known.

## 11. TOXICOLOGICAL 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 'Dangerous' according to health criteria.

### Acute toxicity data

Oral LD50 (rat) value for the impregnating fluid calculated from those of the individual ingredients is >8,300 mg/kg.

## 12. ECOLOGICAL 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.

## 13. DISPOSAL CONSIDERATIONS

Dispose of waste according to national and local regulations.

## 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.

## 15. REGULATORY INFORMATION

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

Label for supply:

Hazard symbols

F Highly flammable



Xi Irritant



Risk phrases: R11 -Highly flammable  
R36 -Irritating to eyes

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:** 23 February 2009

**Revised date:** 12 December 2013

2<sup>nd</sup> Revision date: 20<sup>th</sup> February 2017

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.

Risk phrases listed in Section 3:

R11 -Highly flammable

R36 -Irritating to eyes

R41 -Risk of serious damage to eyes.

R50 -Very toxic to aquatic organisms.

R67 - Vapours may cause drowsiness and dizziness.