

Safety Data Sheet

RHS402 & RHS409

Reynard IPA Wipes

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

Product Name: Reynard IPA Wipes
Product Code: RHS402/RHS409
Identified use of the product: A wet wipe for cleaning and disinfecting washable hard surfaces
Company Name: Reynard Health Supplies (Aus) Pty Ltd
Address: Suite 403, Level 4
44 Hampden Road
Artarmon NSW 2064
Australia
Telephone Number: +61 1300 667 199
E-mail: enquiries@reynardhealth.com.au
Emergency Telephone: 13 11 26
Date of SDS Preparation: 31/01/2019

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008:
Flam Liq. 2: H225, Eye Irrit. 2: H319, EUH 208

Classification according to Directive 1999/45/EEC:
F: R11, Xi: R36, R67

Human Health: May cause serious eye irritation. Vapours may cause drowsiness and dizziness.

Physical and Chemical Hazards

R11 - Highly flammable

R36 - Irritating to eyes

GHS Classification:

Flammable Liquid - Category 2

Eye Damage/Irritation - Category 2

Specific Target Organ Toxicity (Single Exposure) - Category 3.

Label Elements



Signal Word: Warning

Hazard statements

Highly flammable liquid and vapour.
 Causes serious eye irritation.
 May cause respiratory irritation.
 May cause drowsiness or dizziness.

Precautionary statements

Prevention Keep away from heat/sparks/open flames/hot surfaces - No smoking.
 Keep container tightly closed.
 Use explosion-proof electrical/ventilating/lighting equipment.
 Use only non-sparking tools. Take precautionary measures against static discharge.
 Wear protective gloves/eye protection/face protection.
 Wash thoroughly after handling.
 Avoid breathing mist/vapours/spray.
 Use in a well-ventilated area
 IF IN EYES: Rinse with water for 15 minutes. Seek prompt medical attention for signs of irritation.

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, which is listed in Annex II of Regulation (EC) 1451/2007 for Product Types 1 to 6, impregnated onto a non-woven fabric.

Hazardous 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 the eyes, immediately flush the eye 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 (eg 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.
Indication of any immediate medical attention and special	Treat symptoms as they occur.

treatment needed	
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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	None allocated

6. ACCIDENTAL RELEASE MEASURES

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/PERSONAL PROTECTION

Exposure controls:

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

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

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

Reactivity	Not available
Chemical stability	This product is stable under normal conditions
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

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.

Isopropyl alcohol (67-63-0)

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

Irritancy

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.

Repeated dose toxicity:

May cause respiratory irritation and drowsiness or dizziness

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

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.

Ecotoxicity	Aquatic toxicity: 6851 mg/l (Green algae), 5102 mg/l (Water flea)
Persistence and degradability	No data available
Bioaccumulative potential	No data available
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



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: 31 January 2019

Review date: 31 January 2024

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.