



SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **Reynard Antimicrobial Hand Sanitiser**
Item Code: RHS466
Product Use: An alcohol-based gel to sanitise the hands
Restriction of Use: Refer to Section 15

New Zealand Supplier: Reynard Health Supplies
Address: 17 Napier Road
Havelock North, New Zealand
Telephone: +64 6 650 0709
Fax Number: +64 6 650 1709
Email: sales@reynardhealth.com

Emergency Telephone: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 30 April 2015

Section 2. Hazards Identification

This substance is hazardous according to the *HSNO (Minimum Degrees of Hazard) Regulations 2001*

EPA Approval No: Cosmetic Products – HSR002552

Pictograms



Flammable



Irritant

Signal Word: WARNING

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
3.1C	H226	Flammable liquid and vapour.	Category 3
6.4A	H319	Causes serious eye irritation.	Category 2A

Prevention Code	Prevention Statement
P103	Read label before use.
P210	Keep away from heat, sparks, open flames and hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.

P264	Wash hands thoroughly after handling.
P280	Wear protective clothing.

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 Ingredients

Ingredients	Wt%	CAS NUMBER.
Ethanol	70%	64-17-5

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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.

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 a waterjet.
Precautions for firefighters and special protective clothing	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

Section 6. Accidental Release Measures

Wear protective equipment as detailed in Section 8. Avoid direct contact of the gel with the eyes.

Extinguish all sources of ignition and absorb any gel onto a suitable inert material, which should be collected mechanically with spilled product for subsequent disposal.

Section 7. Handling and Storage

Precautions for bulk handling:

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

Precautions for bulk 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		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Ethyl alcohol [64-17-5]	1,000	1,880	-	-

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.

Engineering Controls

For bulk use or storage, ensure there is adequate ventilation.

Personal Protection

Eyes	Wear goggles when handling in bulk.
Hands and Skin	Not required under normal use conditions.
Respiratory	Not required under normal use conditions.

Section 9 Physical and Chemical Properties

Appearance	Pale green gel
Odour	Fragranced
Odour Threshold	Not applicable
pH	Not applicable
Boiling Point	80°C
Melting Point	Not applicable
Freezing Point	Not applicable

Product Name: Reynard Moisturising Hand Gel
Date of SDS: 30 April 2015

Issued by: Technical Compliance Consultants (NZ) Ltd
Tel: 64 9 475 5240 www.techcomp.co.nz

Flash Point	23°C
Flammability	Flammable
Upper and Lower Exposure Limits	Not applicable
Vapour Pressure	Not applicable
Vapour Density	Not applicable
Relative Density	Not applicable
Solubilities	Completely miscible in water
Partition Coefficient:	Not applicable
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not applicable
Kinematic Viscosity	Not applicable
Particle Characteristics	Not applicable

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Conditions to Avoid	Heat and sources of ignition.
Incompatible Materials	Flammable gases, corrosives, oxidizing agents.
Hazardous Decomposition Products	In the event of a large fire, toxic fumes containing oxides of carbon may be formed.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Causes severe irritation to eyes.
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.

Section 12. Ecotoxicological Information

This product is not known to be hazardous to the environment.

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

Section 13. Disposal Considerations

Disposal Method: Dispose of according to Local Regulations.

Precautions: Ensure any waste product in a container meant for disposal is labelled
"Hazardous Waste – Flammable"

Disposal methods to avoid: None

Section 14 Transport Information

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

Road and Rail Transport

UN No: 1170
Class-primary 3
Packing Group III
Proper Shipping Name: ETHANOL

Air Transport

UN No: 1170
Class-primary 3
Packing Group III
Proper Shipping Name: ETHANOL

Marine Transport

UN No: 1170
Class-primary 3
Packing Group III
Proper Shipping Name: ETHANOL

If transporting in quantities of $\leq 5L$ it is not treated as a Dangerous Good

Section 15 Regulatory Information

EPA Approval Code: Cosmetic Products – HSR002552

HSNO Classification: 3.1C, 6.4A

HSNO Controls:

Trigger quantities for this substance:

	Trigger Quantity
Approved Handler	Not required
Location Certificate	500L(>5L), 1500l (<5L), 250L open
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000kg/L
Emergency Response Plan	10 000kg/L
Secondary Containment	10 000kg/L
Restriction of Use	None

Glossary

EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
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

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

Disclaimer

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Please contact the New Zealand distributor, if further information is required.

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