



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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