

Safety Data Sheet

RHS 701 / RHS 702 / 703L Reynard Alcohol Free Hand Sanitising Foam

Section 1. Identification of the material and the supplier

Product: **Reynard Alcohol Free Hand Sanitising Foam**
 Product Code: RHS701, RHS702, RHS703L
 Product Use: An alcohol free foam to sanitise the hands.
 Restriction of Use: Refer to Section 15

New Zealand Supplier: **Reynard Health Supplies**
 Address: 17 Napier Road
 PO Box 8470
 Havelock North
 New Zealand

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Emergency No: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 20 July 2021 v2

Section 2. Hazards Identification

This product is classified as NOT hazardous according to Regulation (EC) No. 1272/2008 [CLP] which meets New Zealand jurisdiction criteria as per EPA Hazardous Substances (Classification) Notice 2020 and clause 8 of the EPA Hazardous Substances (Safety Data Sheet) Notice 2017.

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Didecyldimethyl-ammonium chloride	>0.1 - <0.25	7173-51-5
Non hazardous	To bal	-

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes: If the impregnating fluid comes into direct contact with the eyes, flush the eye with plenty of water. If irritation develops, seek medical advice.

If on Skin: Product intended for application to skin. If irritation occurs stop using and seek medical advice.

If Swallowed: Not considered to present an ingestion hazard under normal conditions of use.

If Inhaled

Remove person to fresh air. Get medical advice if breathing becomes difficult.

Most important symptoms and effects, both acute and delayed

Symptoms: None known.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable
Hazards from products	In combustion may emit toxic fumes.
Suitable Extinguishing media	Use water spray, alcohol-resistant foam or carbon dioxide. Use an extinguishing agent suitable for the surrounding fire. Do not use: Water jet.
Precautions for firefighters and special protective clothing	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

For bulk/large spills:

Wear protective gear as detailed in Section 8. Evacuate all unnecessary personnel. Do not touch or walk through spilled material. Provide adequate ventilation. Avoid breathing vapour or mist.

Do not allow to enter waterways.

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Contaminated absorbent material may pose the same hazard as the spilled product. Dispose as per Section 13.

Section 7. Handling and Storage

Precautions for Handling:

- Do not get in eyes or on clothing.
- Do not ingest.
- Avoid breathing dust, vapour or mist.
- Avoid release to the environment.
- Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.
- Empty containers retain product residue and can be hazardous.
- Do not reuse container.

Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10), food and drink and sources of ignition.
- Keep container tightly closed and sealed until ready for use.
- Do not store in unlabeled containers.
- Use appropriate containment to avoid environmental contamination.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance**TWA**
ppm mg/m³**STEL**
ppm mg/m³

No ingredients have exposure limits

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. Workplace Exposure Standards and Biological Exposure Indices NOV 2020 12TH EDITION.

DNELs**Ingredient name: Didecyldimethyl-ammonium chloride**

Exposure /Effects	DNELs	Population
Inhalation, chronic effects	18.2 mg/m ³	Workers
Dermal, chronic effects	8.6 mg/kg bw/day	Workers

PNECs**Ingredient name : Didecyldimethyl-ammonium chloride**

Compartment Detail	PNECs
Fresh water	2 µg/l
Marine water	0.2 µg/l
Sewage treatment plant	0.595 mg/l
Sediment (freshwater)	2.82 mg/kg dry weight
Sediment (marine water)	0.28 mg/kg dry weight
Soil	1.4 mg/kg dry weight

Engineering Controls

Ensure that there is sufficient ventilation of the area.

Personal Protection Equipment

Eyes	None required under normal conditions of use. For bulk use wear protective goggles.
Hands	None required under normal conditions of use
Respiratory	None required under normal conditions of use

Section 9 Physical and Chemical Properties

Appearance	White non-woven fabric impregnated with a colourless solution
Odour	Frangranced.
Odour Threshold	Not available
pH of impregnating fluid	ca 7.0
Boiling Point of impregnating fluid	>100°C
Melting Point	Not available
Freezing Point	Not available
Flash Point of impregnating fluid	Not available
Flammability	Non flammable
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Relative density	Around 1.0.

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Date of SDS: 20 July 2021SDS Prepared by: Technical Compliance Consultants (NZ) Ltd
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Water Solubility	Completely miscible with water.
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Particle Characteristics	Not available

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Possibility of hazardous reactions	No data available
Conditions to Avoid	Excess heat.
Incompatible Materials	None known.
Hazardous Decomposition Products	Under fire conditions – carbon oxides.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Not applicable.
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

The product is not classified as dangerous to the environment.

Product:	
Persistence and degradability	Product: No data available Didecyldimethyl-ammonium chloride = Readily biodegradable.
Bioaccumulation	Product: No data available Didecyldimethyl-ammonium chloride = Low bioaccumulation potential.
Mobility in Soil	Product: No data available Didecyldimethyl-ammonium chloride = Immobile in soil.
Other adverse effects	No data available

Section 13. Disposal Considerations

Disposal Method:

Dispose wipes as per Local Regulations.

Precautions or methods to avoid: Do not flush or use with macerator toilets and avoid disposal into waterways.

Section 14 Transport Information

This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2012

Section 15 Regulatory Information

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Section 16 Other Information

Glossary

Cat	Category
EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
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

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2017 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

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Please contact Reynard Health, if further information is required.

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