

Safety Data Sheet

Section 1 – IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY

Product Identifier:	AERELLE® ALCOHOL FREE HAND SANITISER (Spray and Foam)
Other means of identification	
Product Code	Not applicable
Recommended use	Clear alcohol free solution for antiseptic treatment of hands when hand washing is not available.
Restrictions on use	None identified.
Manufacturer/Supplier	Ardrich Limited
Address:	31 Hannigan Drive St Johns, Auckland, 1072, NZ
Telephone:	+64 9 570 2861
Email:	info@ardrich.co.nz
Emergency Phone No:	+64 9 570 2861 (8 am to 5 pm Mon to Fri)
National Poison Centre	0800 764 766 (0800 POISON) after hours

Section 2 – HAZARDS IDENTIFICATION

Statement of Hazardous Nature: Classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations, NZ.

Not classified as a dangerous goods for transport purposes.

GHS Classification

Skin Corrosion/Irritation	Category 3
Skin Sensitisation	Category 1
Aquatic toxicity (Acute)	Category 2

HSNO Classification

6.3B	Mildly irritating to the skin
6.5B	Contact sensitiser
9.1D	Slightly harmful in the aquatic environment

Label Elements - Pictograms



Signal Words: Warning

Hazard Statement Codes

H316	Causes mild skin irritation.
H317	May cause an allergic skin reaction.
H402	Harmful to aquatic life.

Prevention Statements

P102	Keep out of reach of children.
P103	Read label before use.
P261	Avoid breathing mist/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.

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Section 3 – COMPOSITION INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS No.	Proportion, % m/m
Didecyl dimethyl ammonium chloride	7173-51-5	0.35
Methylchloroisothiazolinone and Methylisothiazolinone	26172-55-4, 2682-20-4	< 0.0015
Other ingredients determined to not be hazardous	-	to 100%

Section 4 – FIRST AID MEASURES

Description of necessary first aid measures

If medical advice is needed, have product container or label at hand. Call a POISON CENTRE or doctor if you feel unwell.

Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If eye irritation persists: Get medical advice/attention.
Inhalation	IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTRE or doctor.
Ingestion	If swallowed, do NOT induce vomiting. Where there is risk of vomiting, lean person forward or place on left side to avoid aspiration of product into lungs. Obtain immediate medical attention.
Skin contact	If skin irritation occurs: Get medical advice/ attention. Wash contaminated clothing before re-use.
Exposure symptoms	Prolonged and repeated exposure may cause Irritant effects. Symptoms may include defatting of the skin and dermatitis.
Medical attention, treatment	Provide general supportive measures and treat symptomatically.

Section 5 – FIRE-FIGHTING MEASURES

Extinguishing media	Use dry chemical, carbon dioxide, water spray or alcohol-resistant foam. Do not discharge extinguishing waters into the aquatic environment.
Specific hazards	Product is neither flammable nor combustible. On burning may emit toxic fumes including those of carbon monoxide and carbon dioxide.
Protective equipment	Fire fighters to wear standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
Fire fighting instructions	Evacuate area and remain upwind. Move containers from fire area if you can do so without risk. Containers should be cooled with water fog to prevent vapour pressure build up. Water runoff can cause environmental damage.
Hazchem Code:	Not determined

Section 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear appropriate personal protective equipment. Clear area of unprotected personnel. Avoid breathing gas. Ventilate area where possible

Environmental Precautions Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

Methods for Cleaning Up: Spills on floors will produce a slippery surface. Signage preventing foot traffic should be erected where appropriate. Small spillages may be flushed away with water to drain. Soak up larger spills with sand or other suitable absorbent. Collect into suitable containers for disposal. Wash the contaminated area with excess water, do not release washings to the environment.

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Other issues relating to spills Clean up in accordance with all applicable regulations.

Section 7 – HANDLING AND STORAGE

Handling Precautions Avoid direct contact with eyes. Do not breathe mist or spray. Prolonged and repeated exposure may cause Irritant effects. Symptoms may include defatting of the skin and dermatitis.

Conditions for safe storage Store in original container in a cool, well-ventilated place. Keep container tightly closed.

Section 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits **Workplace Exposure Standards and Biological Exposure Indices, MBIE, 7th Edition, Feb 2013**
No value assigned for this specific material. However, exposure standards for constituents;

Material	TWA, mg/m ³	STEL, mg/m ³	Category/Notices
-	-	-	-

Engineering Controls No controls required.

Protective Equipment No controls required.

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state Clear, colourless liquid.

Odour Odourless.

pH About 7

Vapour Density Not applicable.

Vapour Pressure, kPa Not applicable.

Boiling Point, °C About 100.

Melting Point, °C Not applicable.

Specific Gravity 1.0

Flash Point, °C Not applicable.

Autoignition Temperature, °C Not applicable

Solubility Soluble in water.

Section 10 – STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use and storage. Not reactive. Avoid oxidisers. Hazardous polymerisation will not occur.

Section 11 – TOXICOLOGICAL INFORMATION

Health Hazard Summary May be harmful – sensitiser. This product may only have the potential to cause adverse health effects. Use safe work practices to avoid eye contact and vapour generation – inhalation.

Basis for Assessment Information given is based on product testing, and/or similar products, and/or components.

Acute Oral Toxicity Low toxicity: LD₅₀ estimated to be > 5,000 mg/kg (based on calculation of component mixture).

Acute Dermal Toxicity Low toxicity: LD₅₀ estimated to be > 2,000 mg/kg (based on calculation of component mixture).

Ingestion May be harmful. Ingestion of large quantities may result in nausea and vomiting.

Skin Irritation Prolonged/repeated contact may cause irritation and defatting of the skin which can lead to dermatitis.

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Sensitisation	Sensitiser (skin).
Eye Irritation:	Direct contact may be irritating to the eye.
Respiratory Irritation:	Inhalation of mists may cause irritation to the respiratory system.
Repeated Dose Toxicity	Repeated and prolonged contact with product may result in irritant dermatitis and sensitisation.
Additional Information	None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

Section 12 – ECOTOXICITY INFORMATION

Ecotoxicity	Ecotoxic in aquatic environments. For didecyl dimethyl ammonium chloride: LC ₅₀ fathead minnow 0.33 mg/l 96 hr exposure.
Persistence/degradability	Expected to biodegrade.
Bioaccumulation:	Not expected to bioaccumulate.

Section 13 – DISPOSAL CONSIDERATIONS

Material Disposal	Minor spilled liquids may be disposed of through town wastewater systems where these are authorised for industrial use. Product wastes are considered ecotoxic and should be disposed of in accordance with applicable regional and national regulations. Do not dispose into the environment, in drains or in water courses. Waste product should not be allowed to contaminate soil or water.
Container Disposal	Product containers are also considered wastes of the same class of the contents and should be disposed of in accordance with local legislation.

Section 14 – TRANSPORT INFORMATION

Transport	Not classified as a dangerous goods according to the NZ Land Transport Rule for road and rail, IMDG for sea, IATA for air.
Proper Shipping Name:	Not applicable.
UN Number:	Not applicable.
Dangerous Goods Class:	Not applicable.
Subsidiary Risk:	Not applicable.
Packing Group:	Not applicable.
Environmental Hazards	No information provided.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

Section 15 – REGULATORY INFORMATION

SDS regulations	This Safety Data Sheet was prepared in accordance with the Preparation of Safety Data Sheets – Code of Practice, (No. HSNO CoP 8-1 09-06), Responsible Care New Zealand (RCNZ)
Classifications	Classification criteria are based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals.
Inventory Listing	All components of this product are listed on the New Zealand Inventory of Chemicals (NZIoC).
EPA HSNO Approval Number	Cosmetic Products Group Standard 2006 HSR002552

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Section 16 – OTHER INFORMATION

Additional information

Personal Protective Equipment Guidelines:

The recommendation for protective equipment contained is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

Health Effects from Exposure:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

The information contained in this Safety Data Sheet is provided in good faith and is believed to be correct as at the date hereof. However, it is expected that individuals receiving the information will exercise their independent judgement in determining it's appropriateness for a particular purpose. The Proprietor makes no representation as to the accuracy or comprehensiveness of the information. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of the use of the product are therefore assumed by the user and we expressly disclaim all warranties of any kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product. Appropriate warnings and safe handling procedures should be provided to handlers and users.

End of sds.