



# Safety Data Sheet

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

<b>Product Identifier</b>	<b>Aerelle Hand Sanitiser, Spray and Foam - Alcohol Free</b>
<b>Product Code</b>	HH25721N, HH25721, FP20110, FP20112, HH15721, FP15411, FP15412, FP15414, FP15416, INS05, INS16
<b>Recommended use</b>	Clear alcohol free solution for antiseptic treatment of hands when hand washing is not available.
<b>Manufacturer/Supplier</b>	Ardrich Limited
<b>Address</b>	31 Hannigan Drive St Johns, Auckland, 1072, NZ
<b>Telephone</b>	+64 9 570 2861
<b>Email</b>	<a href="mailto:info@ardrich.co.nz">info@ardrich.co.nz</a>
<b>Emergency Phone No</b>	0800 802 861
<b>National Poison Centre</b>	0800 764 766 (0800 POISON) 24 hours

## Section 2 – HAZARDS IDENTIFICATION

### Statement of Hazardous Nature

Not 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

Not applicable

### HSNO Classification

Not applicable

### Label Elements - Pictograms

Not applicable

### Signal Words

Not applicable

### Hazard Statement Codes

Not applicable

### Prevention Statements

P102 Keep out of reach of children.  
P103 Read label before use.

## Section 3 – COMPOSITION INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS No.	Proportion, % m/m
Benzalkonium chloride	68424-85-1	0.13
Other ingredients determined to not be hazardous	-	to 100%

## Section 4 – FIRST AID MEASURES

If exposed or you feel unwell, have product container at hand. Call a POISON CENTRE 0800 764 766 (0800 POISON) or doctor.

### 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.



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<b>Inhalation</b>	If experiencing respiratory symptoms: Call a POISON CENTRE or doctor.
<b>Ingestion</b>	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.
<b>Skin contact</b>	If skin irritation occurs: Get medical advice.
<b>Medical attention, treatment</b>	Provide general supportive measures and treat symptomatically.

## Section 5 – FIRE-FIGHTING MEASURES

<b>Extinguishing media</b>	Use dry chemical, carbon dioxide, water spray or alcohol-resistant foam. Do not discharge large amounts of extinguishing waters into the aquatic environment.
<b>Specific hazards</b>	Product is neither flammable nor combustible. On burning, packaging may emit toxic fumes including those of carbon monoxide and carbon dioxide.
<b>Protective equipment</b>	Fire fighters to wear standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
<b>Fire fighting instructions</b>	Move containers from fire area if you can do so without risk. Water runoff can cause environmental damage.
<b>Hazchem Code</b>	Not applicable

## Section 6 – ACCIDENTAL RELEASE MEASURES

<b>Spills</b>	Wear appropriate personal protective equipment. Clear area of unprotected personnel. Avoid breathing vapour. Ventilate area where possible
<b>Environmental Precautions</b>	Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.
<b>Methods for Cleaning Up</b>	Spills on floors may produce a slippery surface. Small spillages may be flushed away with water to drain. Soak up larger spills with sand or other suitable absorbent and collect into suitable containers for disposal. Wash the area with excess water, do not release washings to the environment.
<b>Other issues relating to spills</b>	Clean up in accordance with all applicable regulations.

## Section 7 – HANDLING AND STORAGE

<b>Handling Precautions</b>	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.
<b>Conditions for safe storage</b>	Store in original container in a cool, well-ventilated place. Keep container tightly closed.

## Section 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Occupational exposure limits</b>	<b>Workplace Exposure Standards and Biological Exposure Indices, MBIE, 7<sup>th</sup> Edition, Feb 2013</b> No value assigned for this specific material. However, exposure standards for constituents;
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Material	TWA, mg/m <sup>3</sup>	STEL, mg/m <sup>3</sup>	Category/Notices
-	-	-	-

<b>Engineering Controls</b>	No controls required.
<b>Protective Equipment</b>	No controls required in normal use.

## Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Clear, colourless liquid.
<b>Odour</b>	Odourless.



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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

<b>Stability</b>	Stable under normal conditions of use and storage. Not reactive. Avoid oxidisers. Hazardous polymerisation will not occur.
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## Section 11 – TOXICOLOGICAL INFORMATION

<b>Health Hazard Summary</b>	Use safe work practices to avoid direct eye contact.
<b>Basis for Assessment</b>	Information given is based on product testing, and/or similar products, and/or components.
<b>Acute Oral Toxicity</b>	Low toxicity: LD <sub>50</sub> estimated to be > 5,000 mg/kg (based on calculation of component mixture).
<b>Acute Dermal Toxicity</b>	Low toxicity: LD <sub>50</sub> estimated to be > 2,000 mg/kg (based on calculation of component mixture).
<b>Ingestion</b>	May be harmful. Ingestion of large quantities may result in nausea and vomiting.
<b>Skin Irritation</b>	May cause irritation which can lead to dermatitis in sensitive individuals.
<b>Sensitisation</b>	Not expected to be a sensitiser.
<b>Eye Irritation:</b>	May be irritating to the eye. Contact with eyes may cause short term discomfort.
<b>Respiratory Irritation:</b>	Inhalation of large amounts of mists may cause irritation to the respiratory system.
<b>Repeated Dose Toxicity</b>	Repeated and prolonged skin contact may result in irritant dermatitis.
<b>Additional Information</b>	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

<b>Ecotoxicity</b>	Ecotoxic in aquatic environments.
<b>Persistence/degradability</b>	Expected to biodegrade.
<b>Bioaccumulation</b>	Not expected to bioaccumulate.

## Section 13 – DISPOSAL CONSIDERATIONS

<b>Material Disposal</b>	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.
<b>Container Disposal</b>	Product containers are also considered wastes of the same class of the contents and should be disposed of in accordance with local legislation.



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## Section 14 – TRANSPORT INFORMATION

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

## Section 15 – REGULATORY INFORMATION

<b>SDS regulations</b>	This Safety Data Sheet was prepared in accordance with the EPA Hazardous Substances (Safety Data Sheets) Notice July 2017.
<b>Inventory Listing</b>	All components of this product are listed on the New Zealand Inventory of Chemicals (NZIoC).
<b>EPA HSNO Approval Number</b>	Cosmetic Products Group Standard 2006 HSR002552
<b>EPA Hsno Controls</b>	Refer to <a href="http://www.epa.govt.nz">www.epa.govt.nz</a> for information on Controls.

## Section 16 – OTHER INFORMATION

<b>Additional information</b>	<p>Personal Protective Equipment Guidelines:</p> <p>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.</p> <p>Health Effects from Exposure:</p> <p>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.</p>
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<b>Abbreviations</b>	AICS	Australian Inventory of Chemical Substances
	ADG	Australian Code for the Transport of Dangerous Goods by Road and Rail
	CAS	Chemical Abstract Service number
	EMS	Emergency Response Procedures for Ships Carrying Dangerous Goods
	EPA	Environmental Protection Agency
	GHS	Globally Harmonized System
	IARC	International Agency for Research on Cancer
	IATA	International Air Transport Association
	IMDG	International Maritime Dangerous Goods
	LC <sub>50</sub>	Lethal Concentration, 50% / Median Lethal Concentration
	LD <sub>50</sub>	Lethal Dose, 50% / Median Lethal Dose
	LEL	Lower Explosion Limit
	mg/m <sup>3</sup>	Milligrams per Cubic Metre
	N.O.S.	Not otherwise specified



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OEL	Occupational Exposure Limit
PEL	Permissible Exposure Limit
STEL	Short-Term Exposure Limit
STOT-RE	Specific target organ toxicity (repeated exposure)
STOT-SE	Specific target organ toxicity (single exposure)
TLV	Threshold Limit Value
TWA	Time Weighted Average
UEL	Upper Explosion Limit

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.