



Safety Data Sheet

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

Product Identifier	D Germ Hand Sanitiser, Spray and Foam - Alcohol Free
Product Code	HH33110, HH25721, FP20110, FP20112, HH15721, FP15411, FP15412, FP15414, FP15416.
Recommended use	Clear alcohol free solution for antiseptic treatment of hands when hand washing is not
Manufacturer/Supplier	available. Ardrich Limited
Address	31 Hannigan Drive St Johns, Auckland, 1072, NZ
Telephone	+64 9 570 2861
Email	info@ardrich.co.nz
Emergency Phone No	0800 802 861
National Poison Centre	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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Inhalation	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.
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 large amounts of extinguishing waters into the aquatic environment.
Specific hazards	Product is neither flammable nor combustible. On burning, packaging 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	Move containers from fire area if you can do so without risk. Water runoff can cause environmental damage.
Hazchem Code	Not applicable

Section 6 – ACCIDENTAL RELEASE MEASURES

Spills	Wear appropriate personal protective equipment. Clear area of unprotected personnel. Avoid breathing vapour. 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 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.
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;
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Material	TWA, mg/m ³	STEL, mg/m ³	Category/Notices
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Engineering Controls	No controls required.
Protective Equipment	No controls required in normal use.

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Clear, colourless liquid.
Odour	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

Stability	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

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

Section 13 – DISPOSAL CONSIDERATIONS

Material Disposal	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.



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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 EPA Hazardous Substances (Safety Data Sheets) Notice July 2017.
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
EPA Hsno Controls	Refer to www.epa.govt.nz for information on Controls.

Section 16 – OTHER INFORMATION

Additional information	<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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Abbreviations	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 ₅₀	Lethal Concentration, 50% / Median Lethal Concentration
	LD ₅₀	Lethal Dose, 50% / Median Lethal Dose
	LEL	Lower Explosion Limit
	mg/m ³	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.