

# MATERIAL SAFETY DATA SHEET



**hygiene**  
**direct.nz**  
Cleaning & Washroom Solutions

## 1. Product and Company Identification

**PRODUCT NAME:** Hygiene Direct ALCOHOL HAND SANITIZER

**ADDRESS:** Unit 5, 43 Fremlin Place  
Avondale  
Auckland  
New Zealand

**PHONE:** GENERAL ENQUIRIES 0800 8284426

**EMERGENCY:** INTERNATIONAL +643 479 7227

**NEW ZEALAND:** NATIONAL 0800 764 766

## 2. Hazards Identification

Hazardous Substances & New Organisms Act (HSNO) 1996 & Classification Regulations 2001 for the product of this concentration:

3.1B Highly flammable liquid and vapour

6.4A Causes eye irritation

9.1D May be harmful to aquatic life

Cosmetic Product Group Standard: HSR No 2552

## 3. Composition and Information on Ingredients

Ethanol	70%
Thickener	<2%
Betane	<2%
Water	10-30%

## 4. First Aid Measures

### CONTACT WITH EYES:

Immediately rinse eyes with running water for 5 minutes. If irritation persists, seek medical advice.

### CONTACT WITH SKIN:

Remove contaminated clothing and wash the affected area with copious volumes of water.

### AFTER INHALATION:

If subject to vaporization remove the patient from exposure and if discomfort persists seek medical advice.

### AFTER INGESTION:

Do Not Induce Vomiting. Administer 2 glasses of water and if discomfort persists seek medical advice.

### ADVICE TO DOCTOR:

The product is not toxic. Treat symptomatically.

## 5. Fire Fighting Measures

The product is not flammable nor reactive to water.

Should the product be exposed to a fire in the vicinity, where possible remove containers; otherwise cool with water spray. Firefighters may use water jet, spray, fog, foam, CO<sub>2</sub>, or chemical dry powder to extinguish a fire in the vicinity.

## 6. Accidental Release Measures

Spill on the floors will produce a slippery surface.

Contain from local drainage with any suitable bund or barrier.

Small spills may be diluted and drained to waste. Otherwise absorb with mops and pails or any suitable absorbing inert material such mineral sponge, paper, rags, sand and soil

Large spills (drums and IBCs) should be contained from drains. Collect absorbed material in drums which can be closed and sent to landfill.

## 7. Handling and Storage

Store packages in cool sites away from heat.

Handle to prevent damage to containers. Should containers be damaged and repacking necessary, use clean containers of the same type and mark the name on an easily sited location.

Always replace lids and caps after using this product; bags should be closed tight. Return all packages to safe storage after use.

## 8. Exposure Controls/Personal Protection

### EXPOSURE CONTROLS:

No data is available for HYGIENE DIRECT Alcohol Hand Sanitizer.

### EYE PROTECTION:

Wear safety glasses when decanting large quantities

### PROTECTIVE CLOTHING:

Normal use does not require any special clothing protection.

### RESPIRATORY PROTECTION:

No special requirement.

### VENTILATION:

No special requirement.

## 9. Physical and Chemical Properties

<b>Appearance:</b>	Transparent clear liquid
<b>Odour:</b>	Nil fragrance
<b>PH:</b>	7.0±7.5
<b>Flash Point:</b>	20°C
<b>Ignition Point:</b>	>360 C
<b>Specific Gravity:</b>	0.86±0.01
<b>Refractive Index:</b>	1.353 ± 0.005 21.5 Bx
<b>Viscosity:</b>	1000 – 1500 mPas at 20°C
<b>Foam:</b>	None
<b>Solubility in Water:</b>	Completely in all proportions

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## 10. Stability and Reactivity

HYGIENE DIRECT Alcohol Hand Sanitizer is considered stable in normal use  
Avoid contamination with oxidizing substances.  
Hazardous polymerization will not occur  
Combustion will release oxides of carbon and nitrogen

## 11. Toxicological Information

No data is available for HYGIENE DIRECT Alcohol Hand Sanitizer.  
Ethanol: Oral LD50 Rat 7060 mg/kg

## 12. Ecological Information

No data is available for HYGIENE DIRECT Alcohol Hand Sanitizer  
Ethanol: LC50 rainbow trout 11,200 mg/l 24 hr  
Surfactants used in HYGIENE DIRECT Alcohol Hand Sanitizer are classed Readily Biodegradable according to the European Union Detergents

## 13. Disposal Considerations

The product, suitably diluted, may be disposed of through town wastewater systems where these are authorized for industrial use. Otherwise dispose of in accordance with local regulations by recognized waste disposal experts. Landfill is the preferred method. Used containers should be rinsed, not recycled, but disposed of through landfill or incineration.

## 14. Transport Information

NZ Land Transport Rule: Dangerous Goods Rule 2005.	Classified as a Dangerous Goods for Land Transport in NZ.
UN Number:	1170
Dangerous Goods Class:	3.1
Proper Shipping Name:	Ethanol and ethanol solutions
Hazchem Group:	2Y
Packing Group:	11

## 15. NZ Regulatory Information

Hazardous Substances Act (HSNO) 1996 and Classification Regulations 2001 for the product of this concentration:  
6.4A Causes eye irritation  
Cosmetic Products Group Standard HSR No. 2552

## 16. Other Information

Formulation reference and version number: R9 – 84 Version 4  
This SDS was prepared from data available on 1<sup>st</sup> August 2020  
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This SDS will be reviewed no later than 5 August 2025