

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **healthE antibacterial hand gel 60ml squeeze bottle, 375ml pump pack**

Product Class: Antibacterial Gel

Product Use: For rapid hand disinfection wherever routine hand washing is not practical.

Restriction of Use: Refer to Section 15

New Zealand Manufacturer: **Jaychem Industries Ltd**

Address: **3 Kordel Place
East Tamaki, Auckland**

Telephone: +64 9 274 6647

Fax Number: +64 9 274 1358

Emergency Telephone: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 1 April 2016

Section 2. Hazards Identification

This substance is hazardous according to the *HSNO (Minimum Degrees of Hazard) Regulations 2001*

EPA Approval No: Cosmetic Group Standard – HSR002552

Pictograms



Flammable Irritant

Signal Word: **DANGER**

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
3.1B	H225	Highly flammable liquid and vapour.	Category 2
6.4A	H319	Causes serious eye irritation.	Category 2A

Prevention Code	Prevention Statement
P103	Read label before use.
P210	Keep away from heat, sparks, open flames or hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating, lighting.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.

P264	Wash hands thoroughly after handling.
P280	Wear protective clothing.

Response Code	Response Statement
P303 + P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P370 + P378	In case of fire: Use media for surrounding fires for extinction.

Storage Code	Storage Statement
P403 + P235	Store in a well-ventilated place. Keep cool.

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Denatured Ethanol	65-75	64-17-5
Propylene glycol	<5	57-55-6
AMP 95%	<1	Proprietary
Deionised Water & Non-hazardous ingredients	To balance	7732-18-5

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Rinse cautiously with water for 15 minutes. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.
If on Skin	Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation occurs: get medical advice/attention.
If Swallowed	Rinse mouth. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

Section 5. Fire Fighting Measures

Hazard Type	Flammable.
Hazards from combustion products	None known.
Suitable Extinguishing media	Use media suitable for surrounding materials.
Precautions for firefighters and special protective clothing	Wear full protective gear.

Section 6. Accidental Release Measures

For bulk spillages:

Wear protective equipment as detailed in Section 8.

Absorb with sand or inert material. Place in a flame-proof container for disposal. Do not allow to enter waterways

Dispose of according to Local Regulations.

Section 7. Handling and Storage

Precautions for Handling in bulk:

- Read label before use.
- Keep away from heat, sparks, open flames or hot surfaces. No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical, ventilating, lighting.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Wash hands thoroughly after handling.
- Wear protective clothing.

Precautions for Storage in bulk:

- Store away from incompatible materials listed in Section 10.
- Keep containers securely sealed.
- Store in a cool, dry and well-ventilated area.
- Protect containers against physical damage.
- Keep away from naked flame and avoid temperatures over 30 degrees Celsius.
- Check regularly for spills and leaks.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Ethyl alcohol [64-17-5]	1,000	1,880	-	-
Propane-1,2 diol [57-55-6]				
vapour & particulates	150	474	-	-

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.

Engineering Controls

Ensure that ventilation maintains dust levels below WES.

Personal Protection Equipment

Eyes	Wear goggles with side shields for bulk uses. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.
Hands and Skin	Gloves are recommended for bulk uses.
Respiratory	Not required.

Section 9 Physical and Chemical Properties

Appearance	Clear colourless gel
Odour	Not applicable
Odour Threshold	Not applicable
pH	6.5 – 7.5
Boiling Point	Not applicable
Melting Point	Not applicable
Freezing Point	Not applicable
Flash Point	Not known
Flammability	Not applicable
Upper and Lower Explosive Limits	Not known
Vapour Pressure	Not applicable
Vapour Density	Not applicable
Specific Gravity	0.85 – 0.95
Solubilities	Not applicable
Partition Coefficient:	Not applicable
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not applicable
Kinematic Viscosity	Not applicable
Particle Characteristics	Not applicable

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Conditions to Avoid	Avoid freezing. Avoid temperatures above 30 degrees Celsius.
Incompatible Materials	None known.
Hazardous Decomposition Products	No hazardous products are expected.

Section 11 Toxicological Information**Acute Effects:**

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Causes severe eye irritation.
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

This product is not known to be hazardous to the environment.

Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Section 13. Disposal Considerations

Disposal Method: Place recovered product into an appropriate waste container for disposal through appropriate waste company or specialized landfill in accordance with local regulations.

Precautions: Ensure Waste container containing recovered product is labelled "Hazardous Waste – "Flammable". If triple rinsing container, add rinsate to waste container for disposal.

Disposal methods to avoid: Do not allow to enter waterways.

Section 14 Transport Information

This product is classified as Dangerous Good for transport under NZ 5433: 2012

Road and Rail Transport

UN No: 1170
Class-primary: 3
Packing Group: II
Proper Shipping Name: ETHANOL SOLUTIONS

Marine Transport

UN No: 1170
Class-primary: 3
Packing Group: II
Proper Shipping Name: ETHANOL SOLUTIONS

Air Transport

UN No: 1170
Class-primary: 3
Packing Group: II
Proper Shipping Name: ETHANOL SOLUTIONS

Section 15 Regulatory Information

EPA Approval Code: Cosmetic Products Group Standard – HSR002552

HSNO Classification: 3.1B, 6.4A

HSNO Controls:
Trigger quantities for this substance:

	Trigger Quantity
Approved Handler	≥250L if container is ≤5L ≥500L if container is ≤5L
Location Certificate	100L (>5L), 250L (<5L), 50L open
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	250L
Emergency Response Plan	1000L
Secondary Containment	1000L
Restriction of Use	None

Section 16 Other Information

Glossary

Product Name: healthE Waterless Hand Gel
Date of SDS: 1 April 2016

Issued by: Technical Compliance Consultants (NZ) Ltd
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EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
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

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

Disclaimer

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Please contact the New Zealand distributor, if further information is required.

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