

## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product: **healthE antibacterial hand gel 60ml squeeze bottle, 375ml pump pack and 500mL 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 2021

### 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

<b>Hazard Type</b>	Flammable.
<b>Hazards from combustion products</b>	None known.
<b>Suitable Extinguishing media</b>	Use media suitable for surrounding materials.
<b>Precautions for firefighters and special protective clothing</b>	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 <sup>3</sup>	ppm	mg/m <sup>3</sup>
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**

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

**Section 9 Physical and Chemical Properties**

<b>Appearance</b>	Clear colourless gel
<b>Odour</b>	Not applicable
<b>Odour Threshold</b>	Not applicable
<b>pH</b>	6.5 – 7.5
<b>Boiling Point</b>	Not applicable
<b>Melting Point</b>	Not applicable
<b>Freezing Point</b>	Not applicable
<b>Flash Point</b>	25°C
<b>Flammability</b>	Not applicable
<b>Upper and Lower Explosive Limits</b>	Not known
<b>Vapour Pressure</b>	Not applicable
<b>Vapour Density</b>	Not applicable
<b>Specific Gravity</b>	0.85 – 0.95
<b>Solubilities</b>	Not applicable
<b>Partition Coefficient:</b>	Not applicable
<b>Auto-ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	Not applicable
<b>Kinematic Viscosity</b>	Not applicable
<b>Particle Characteristics</b>	Not applicable

**Section 10. Stability and Reactivity**

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

**Section 11 Toxicological Information****Acute Effects:**

<b>Swallowed</b>	Not applicable.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Causes severe eye irritation.
<b>Skin</b>	Not applicable

**Chronic Effects:**

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	Not applicable.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Not applicable.

**Section 12. Ecotoxicological Information**

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

<b>Persistence and degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	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:

	<b>Trigger Quantity</b>
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

EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	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

This document has been issued by TCC (NZ) Ltd and serves as their Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC (NZ) Ltd accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

The information herein is given in good faith, but no warranty, express or implied is made.

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

Issue Date: 1 April 2021 Review Date: 1 April 2026