

Jaychem Industries Limited  
**MATERIAL SAFETY DATA SHEET**

Date Prepared: 27 February 2009

**1. PRODUCT IDENTIFICATION:**

<b>Product Name:</b>	<b>healthE</b> antibacterial hand gel 50ml tube, 375ml pump pack, 500ml pump pack
<b>UN Number:</b>	NA
<b>Product Type:</b>	Gel
<b>Product Class:</b>	Antibacterial
<b>Manufacturer:</b>	Jaychem Industries Ltd.
<b>Address:</b>	3 Kordel Place, East Tamaki, Auckland.
<b>Telephone:</b>	09 274 6647
<b>Fax</b>	09 274 1358

**2. COMPOSITION/ INFORMATION ON INGREDIENTS:**

<b>Proprietary:</b>	No
<b>Ingredient:</b>	<b>Denatured Ethanol</b>
<b>Ingredient Sequence Number:</b>	01
<b>Percent:</b>	70 % w/w
<b>CAS Number:</b>	64-17-5

<b>Proprietary:</b>	No
<b>Ingredient:</b>	<b>Deionised water</b>
<b>Ingredient Sequence Number:</b>	01
<b>Percent:</b>	<30
<b>CAS Number:</b>	7732-18-5

<b>Proprietary:</b>	No
<b>Ingredient:</b>	<b>Propylene glycol</b>
<b>Ingredient Sequence Number:</b>	02
<b>Percent:</b>	<5
<b>CAS Number:</b>	57-55-6

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**3. HAZARDS IDENTIFICATION:**

<b>Hazard Classification:</b>	Non Hazardous
<b>Priority identifiers</b>	Non Hazardous
<b>Secondary identifiers</b>	Non Hazardous

**4. FIRST AID MEASURES**

For advice contact the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor immediately.

Observe good work practices to avoid skin and eye contact and wash hands and exposed skin before meals and after use.

**5. STABILITY/REACTIVITY DATA:**

<b>Stability:</b>	Yes
<b>Cond to Avoid (Stability):</b>	Avoid freezing
<b>Materials to Avoid:</b>	Avoid temperatures above 30 degrees Celsius
<b>Hazardous Decomposition Products:</b>	No hazardous products are expected.

**6. HEALTH HAZARD DATA:**

<b>Route of Entry-Inhalation:</b>	NO
<b>Route of Entry-Skin:</b>	NO
<b>Route of Entry-Ingestion</b>	If swallowed seek medical attention immediately. Do NOT induce vomiting.
<b>Health Hazard Acute and Chronic:</b>	NO

**7. CHEMWATCH HAZARD RATINGS:**

<b>Flammability:</b>	Medium/High
<b>Toxicity:</b>	Low
<b>Body Contact:</b>	Nil
<b>Reactivity:</b>	Nil
<b>Chronic:</b>	Min/Nil

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**8. TOXICOLOGICAL INFORMATION:**

<b>healthE antibacterial hand gel</b>	Not applicable
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**9. PHYSICAL DESCRIPTION/PROPERTIES**

<b>Appearance</b>	Clear colourless gel
<b>pH</b>	6.5-7.5
<b>Specific gravity</b>	0.85-0.95

**10. HEALTH HAZARD/ACUTE HEALTH EFFECTS**

<b>Swallowed:</b>	No known effects if swallowed.
<b>Eye:</b>	The material may produce irritation to the eye causing pronounced inflammation. Immediately flush eyes with water for at least 15 minutes, while holding eyelid open. Seek medical attention at once.
<b>Skin:</b>	Safe for use on skin

**11. PERSONAL PROTECTION**

<b>Eye</b>	Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.
<b>Body/Hands/Feet</b>	None

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**MATERIAL SAFETY DATA SHEET**

**12. STORAGE AND TRANSPORT**

<b>Suitable Container</b>	Packaging as recommended by manufacturer. Check that containers are clearly labeled.
<b>Storage Site Requirements</b>	Observe manufacturer's storing and handling recommendations. Keep containers securely sealed. Store in a cool, dry and well-ventilated area. Store away from incompatible materials. Protect containers against physical damage. Check regularly for spills and leaks. Keep away from naked flame and avoid temperatures over 30 degrees Celsius.
<b>Approved Handlers</b>	Not required.

**13. FIRE FIGHTING MEASURES**

<b>Flash Point:</b>	Not known
<b>Lower Explosive Limit:</b>	NA
<b>Upper Explosive Limit:</b>	NA
<b>Extinguishing Media:</b>	Use media suitable for surrounding materials. Do not allow water to enter drains.
<b>Unusual Fire and Explosive Hazards:</b>	None Known

**14. EXPOSURE CONTROL**

<b>Workplace Exposure</b>	Dusts 10mg/m <sup>3</sup>
<b>Application in the workplace</b>	Prevent exposure by using engineering controls, personal protective equipment and work practices that prevent skin contact.
<b>Exposure standards outside the workplace</b>	TELS and EELs are not set at this time
<b>Engineering controls</b>	Ensure that ventilation maintains dust levels below WES

Jaychem Industries Limited  
**MATERIAL SAFETY DATA SHEET**

**15. ENVIRONMENTAL INFORMATION**

<b>HealthE antibacterial hand gel</b>	Not Applicable
<b>Denatured Alcohol</b>	Not Applicable
<b>Disposal</b>	Preferably dispose of by use. Otherwise dispose of product and packaging at an approved landfill or other approved facility. Do not use container for any other purpose.

**16. ADDITIONAL INFORMATION**

As of the date of preparation of this document, the foregoing information is believed to be accurate and is provided in good faith. However, no warranty or representation with respect to such information is intended or given.