



SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **healthE Chlorhexidine 5% Concentrate 500ml**
Product Class: Antibacterial
Product Use: Disinfectant
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

Signal Word: **Warning**

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
6.3B	H316	Causes mild skin irritation.	Category 3
9.1C	H412	Harmful to aquatic life with long lasting effects.	Category 3

Prevention Code	Prevention Statement
P103	Read label before use.
P273	Avoid release to the environment.

Response Code	Response Statement
P332 + P313	If skin irritation occurs: Get medical advice/ attention.

Storage Code	Storage Statement
None allocated	

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

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Chlorhexidine Gluconate 20%	5	18472-51-0
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. If eye irritation persists: Get medical advice.
If on Skin	Wash with plenty of soap and water. 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. Seek medical attention if needed.
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	Non Flammable.
Hazards from combustion products	None known.
Suitable Extinguishing media	Use media suitable for surrounding materials.
Precautions for firefighters and special protective clothing	Wear protective gear.
HAZCHEM CODE	None Allocated

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 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.
- Avoid release to the environment.

Precautions for Storage in bulk:

- Store away from incompatible materials listed in Section 10.

- Keep out of reach of children.
- Keep containers securely sealed.
- Store in a cool, dry and well-ventilated area.
- Protect containers against physical damage.
- 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

No ingredients have exposure limits

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	Not required
Hands and Skin	Not required. Wearing safety goggles or glasses is recommended when handling in bulk.
Respiratory	Not required.

Section 9 Physical and Chemical Properties

Appearance	Clear liquid
Odour	Not available
Odour Threshold	Not applicable
pH	6.5 – 7.5
Boiling Point	Not applicable
Melting Point	Not applicable
Freezing Point	Not applicable
Flash Point	Not applicable
Flammability	Not applicable
Upper and Lower Explosive Limits	Not applicable
Vapour Pressure	Not applicable
Vapour Density	Not applicable
Specific Gravity	0.95 – 1.05
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	Not applicable.
Skin	Causes mild skin irritation.

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

9.1C = Harmful to aquatic environment with long lasting effects.

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

Do not allow to enter waterways.

Section 13. Disposal Considerations

Disposal Method: Triple rinse container and dispose of according to Local Regulations.

Precautions: Ensure container holding waste product and/or contaminated spill media for disposal is labelled "Hazardous Waste – Ecotoxic".

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

Section 14 Transport Information

This product is not classified as Dangerous Good for transport under NZ 5433: 2012

Section 15 Regulatory Information

EPA Approval Code: Cosmetic Products Group Standard – HSR002552

HSNO Classification: 6.3B, 9.1C

HSNO Controls:

Trigger quantities for this substance:

	Trigger Quantity
Approved Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000L
Emergency Response Plan	1000L
Secondary Containment	1000L
Restriction of Use	None

Section 16 Other Information

Glossary

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.

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

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