

1 Identification of the substance and supplier—

Chlorhexidine 5% Solution

Vetgene Solutions
14 Great South Road
Pokeno
Auckland

National Poisons Centre 0800 764766 (0800 POISON)

2 Hazards identification—

Warning



- 3.1C Flammable liquid and vapour
6.3A Causes skin irritation.
6.4A Causes eye irritation
9.1C Harmful to aquatic life with long lasting effects.

3 Composition/information on ingredients—

Substance	CAS Number	%
2-propanol	67-63-0	<20
Chlorhexidine digluconate	18472-51-0	<20
Hydropol RP90	103818-93-5	<20
Non Hazardous ingredients		>60

4 First aid measures—

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

IF ON SKIN Wash with plenty of soap and water..

If skin irritation occurs: Get medical advice/ attention.

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing and wash before re-use.

5 Fire fighting measures—

Extinguishing Media

carbon dioxide, dry powder, alcohol resistant foam.

Fire/Explosion Hazards

Highly flammable vapour Avoid mixing with strong acids, acid chlorides, acid anhydrides and oxidizers

6 Accidental release measures—

Remove all ignition sources. No smoking. Wear protective gloves & eye protection/face protection. Wash Hands & Face thoroughly after handling.

When handling bulk quantities of product

Wear PVC gloves & chemical goggles.

Use absorbent material to absorb the spill. Use only non-sparking tools. Take precautionary measures against static discharge. Collect spillage.

6 Accidental release measures continued—

Avoid release to the environment. Take off contaminated clothing and wash before re-use. Wash hands and face thoroughly after handling.

7 Handling and storage—

Keep container tightly closed when not in use. Store in a cool well-ventilated place. Keep away from heat/sparks/open flames/hot surfaces. Wear protective gloves & eye protection/face protection. Wash Hands & Face thoroughly after handling. See also "accidental release measures."

8 Exposure controls/personal protection—

	TWA ppm	TWA mg/kg	STEL ppm
Workplace Exposure Standard (2-propanol)	400	983	500

Use in well ventilated areas
When used as directed no PPE is required.

When handling bulk quantities of product

Wear PVC gloves, & apron, chemical goggles. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting. Use only non-sparking tools. Take precautionary measures against static discharge.

9 Physical and chemical properties—

Appearance: Pink water thin liquid

Odour	Rubbing alcohol	Upper Flammable limit	12.7%
Odour threshold	Not available	Vapour pressure	4.4 @ 20 °C
pH	Not Applicable	Vapour Density	2.07 (air=1)
Melting /freezing point	Not available	Relative density	1
Initial Boiling point	Not available	Solubility	Miscible
Flash point	45°C	Partition coefficient n-octanol/water	Not Available
Evaporation Rate	Not available	Auto-ignition temperature	456 °C
Flammability (solid, gas)	Not Applicable	Decomposition temperature	Not Available
Lower Flammable Limit	2.3%	Viscosity	Not Available

10 Stability and reactivity—

Product is stable
Avoid mixing with strong acids, acid chlorides, acid anhydrides and oxidizer

11 Toxicological information—

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS Causes serious eye damage. May cause skin irritation

12 Ecological information—

Ecotoxic

Toxic to aquatic life with long lasting effects. No data on degradation and bioaccumulation.

13 Disposal considerations—

Unused product must be disposed of using a method that complies with local Trade Waste bylaws.
Used wipes and empty product containers may be disposed of using a commercial waste collection service.

14 Transport information— If relevant,

UN 1987 ALCOHOLS, N.O.S (contains isopropanol), Class 3 PG III.

Not a Marine Pollutant



15 Regulatory information—

HSNO Classifications

- 3.1C Flammable liquid and vapour.
- 6.3A Causes skin irritation.
- 6.4A Causes severe eye irritation
- 9.1C Toxic to aquatic life with long lasting effects.

Cleaning Products (Flammable) Group Standard 2006 HSNO Approval Number HSR002528

Health and Safety in Employment Act & Regulations

16 Other information—

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