

VETPAK SAFETY DATA SHEET

Section 1: Identification of the Substance or Mixture and of the Supplier

Product Name: Vetsan[®] Concentrate

Recommended Use: Disinfection of animal housing facilities, veterinary clinics and laboratories. As an odour neutraliser.

Company Details: Vetpak Ltd.

Address: 249 Bruce Berquist Dr, Te Awamutu 3800.

Telephone Number: (07) 870 2024

Emergency Telephone Number: (07) 870 2024 8.00am to 5.00pm Monday to Friday except public holidays. National Poisons Centre, Department of Preventative and Social Medicine, University of Otago, P O Box 913, Dunedin, New Zealand. Phone (0800) 764-766 24 hours.

Date of Preparation: 5th July 2019

Section 2: Hazards Identification

STATEMENT OF HAZARDOUS NATURE

This product is generally recognized as safe (non-hazardous) IN THIS FORM AND AT THIS STRENGTH. Handle correctly and as directed by this SDS.

This is the products end use.

HAZARD LABELLING WARNING

N/A

HAZARD CLASSIFICATION AND STATEMENTS

HSNO	HSNO	GHS	Signal Word	GHS Hazard Statement
N/A				
N/A				

Section 3: Composition / Information on Ingredients:

COMPOSITION

Ingredient	CAS Number	% w/w	HAZARDOUS
Water (micro-filtered)	7732-18-5	>60	No
Chlorine Dioxide	7758-19-2	<10	Yes 6.8A; 6.9B; 8.2B; 8.3A; 9.1A; 9.1D; 9.2B; 9.3C

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Section 4: First Aid Measures:

Description of necessary first Aid measures:

Swallowed: Non-toxic – Drink several glasses of water.

Skin: Non irritating, no action needed.

Eye: Rinse for 10 minutes using plenty of water.

Inhaled: Non-reactive. No first aid needed.

Workplace Facilities: Clean running water.

Notes for Medical Personnel:

Section 5: Fire Fighting Measures

Type of Hazard: Not flammable

Fire Hazard Properties: None.

Extinguishing Media & Methods: Use any means suitable for extinguishing surrounding fire.

Recommended Protective Clothing: Maintain adequate protection of skin with gloves and overalls.

Section 6: Accidental Release Methods

Procedures to be covered: No special clean up measures are required for the consumer product. To avoid the possibility of bleaching, the spill should be absorbed with paper towels, and the area rinsed with clean water.

Section 7: Handling and Storage

Handling: Transport upright in original labelled container with lid securely fastened.

Handling Practices: Not classified as hazardous or dangerous in the meaning of transport regulations.

Store Site Requirements: No special requirements.

Packaging: Store upright in the original, labelled container

Section 8: Exposure Controls / Personal Protection

Workplace Exposure Standards: Not applicable

Engineering Controls: No specific controls recommended.

Personal Protective Equipment (PPE): Wear eye protection if splashes are likely to occur.

General hygiene: Do not eat, drink or smoke when handling this product.



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Section 9: Physical and Chemical Properties

Appearance (physical state, colour etc.): Clear, water-like, free-flowing liquid.

Odour:

pH:

Melting Point/Freezing Point (°C):

Boiling Point (°C): approximately 100.

Flash Point (°C): Not flammable.

Flammability:

Lower Flammability/Explosive Limit:

Upper Flammability/Explosive Limit:

Auto-ignition Temperature (°C):

Vapour Pressure: Not known.

Vapour Density:

Relative Density:

Solubility in Water: Totally soluble.

Specific Gravity: 1.00 (water = 1)

Viscosity:

Section 10: Stability and Reactivity

Stability of the Substance: Stable.

Material to avoid: Strong acids.

Hazardous decomposition products: Decomposition may yield chlorine dioxide or chlorine.

Hazardous reactions: Will not occur.

Section 11: Toxicological Information

Swallowed: Accidental ingestion of the material may cause discomfort.

Skin: The material is not thought to produce adverse health effects or irritation.

Eye: Mild ocular irritant.

Inhaled: The material is not thought to produce adverse health effects or irritation.

Acute Health Effects: No Data

Chronic Health Effects: No Data

Toxicity: No Data

Irritation/Corrosion: No Data

Carcinogenic Effects: N/A

Mutagenic Effects: N/A

Reproductive or developmental effects: None identified

Aspiration hazard: None identified

Specific Target Organ Toxicity: None identified

Sensitisation (respiratory/contact): None identified

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Section 12: Ecological Information

Ecotoxicity: Non-toxic, non-hazardous. The product is readily biodegradable.

Ecotoxicity Data: No Data

Chronic: No Data

Phytotoxicity: No Data

Persistence and Degradability: No Data

Mobility: No Data

Bioaccumulation: No Data

BOD and COD: No Data

Products of Biodegradation: No Data

Toxicity of the Products of Biodegradation: No Data

Section 13: Disposal Considerations

Disposal Information: Triple rinse containers, crush and dispose of in an approved Council landfill. Recycle where appropriate.

Section 14: Transport Information

Hazard Class: N/A

UN Number: N/A

Packing Group: N/A

Hazchem Code: N/A

Land Transport: Not regulated

Sea Transport: Not regulated

Air Transport: Check current air transport regulations.

Other Information: Handle with care. Stack correctly. Transport upright in the original container with the lid tightly closed. Avoid spillage and any release into the environment.

Section 15: Regulatory Information

Regulatory status:

USA Environmental Protection Agency Approvals – EPA (USA) Reg. No 9150-2 E.S.T. No 9150-RI-01.

ERMA New Zealand (now EPA New Zealand) Determination for the status of Clinic Clean – Not considered hazardous File Ref: IO95-05-01 Sos 515

AgriQuality (nowASUREQuality) Approved for food/beverage/dairy/farms and factories, for contact surfaces, & those food rinses permitted by legislation (ref H1394bc)

MAF (now MPI) approval of Maintenance Compounds: Specification Sanitiser, Category C43

MAF (now MPI) approval of Maintenance Compounds: Specification Water disinfectant, Category C61

Section 16: Other Information

Interpretation and Abbreviations

Controls applying to a substance:

- * denotes that changes have been made to these controls, further information on these changes is located in the transfer notice for that substance,
- (R) abbreviation for the term Regulation of the Hazardous Substances regulations

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AICS – Australian Inventory of Chemical Substances
AOX – Absorbable organic halogens.
APF – Assigned Protection Factor.
BOD – Biochemical Oxygen Demand China
COD – Chemical Oxygen Demand
DSL – Canadian Domestic Substances List.
EINECS – European Inventory of Existing Commercial Chemical Substances.
ENCS – Japanese Existing and New Chemical substances.
IARC – International Agency for Research on Cancer.
IDLH – Immediately Dangerous to Life or Health Concentrations.
ISHL – Japanese Industrial Safety and Health Law List of Chemicals.
LOEL – Lowest Observed Effect Level.
LD_{Lo} – Lethal Dose Low (the lowest dosage per unit of bodyweight of a substance known to have resulted in fatality in a particular animal species).
MAK – Maximum workplace concentration in the workplace air that generally does not have known adverse effects on the health of the employee nor cause unreasonable annoyance when a person is repeatedly exposed during long periods, usually 8 hours daily, 40hour working week).
NOAA – National Oceanic and Atmospheric Administration.
NOEC – No Observed Effect Concentration.
NTP – National Toxicology Program.
NZIoC – New Zealand Inventory of Chemicals.
OECD HPV – The Organisation for Economic Co-operation and Development High Product Volume Chemicals.
PEL – Permissible exposure limit.
PPE – Personal Protective Equipment.
Prop 65 – California Proposition 65 List of Chemicals.
RTECS – Registry of Toxic Effects of Chemical substances
STEL – Short term exposure limit.
TOC – Total Organic Carbon.
TSCA – US Toxic Substances Control Act Existing Chemicals.
TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.
VOC – Volatile Organic Compounds.

Date of Preparation/Review: 5 July 2019

Sources of key data used to compile the datasheet:

Manufacturers SDS
NZ EPA CCID

DISCLAIMER

The information contained in this safety data sheet was obtained from current and reliable sources. This data is supplied without warranty, expressed or implied, regarding its correctness and accuracy. It is the user's responsibility to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense resulting from improper use of this product.

END OF SDS