

VETPAK SAFETY DATA SHEET

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

Product Name: Oxywash 1000ppm

Recommended Use: Disinfection of agricultural and horticultural applications. 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: 19th August 2019

Section 2: Hazards Identification

STATEMENT OF HAZARDOUS NATURE

This product is **HAZARDOUS IN THIS FORM AND AT THIS STRENGTH.**

Handle correctly and as directed by this SDS.

HAZARD LABELLING WARNING

N/A

HAZARD CLASSIFICATION AND STATEMENTS

HSNO	HSNO	GHS	Signal Word	GHS Hazard Statement
9.1D	Ecotoxic in the aquatic environment	None	None	H413 May cause long lasting harmful effects to aquatic life

Prevention Statements:

P103: Read label before use.

P273: Avoid release to the environment

Section 3: Composition / Information on Ingredients:

COMPOSITION

Ingredient	CAS Number	% w/w	HAZARDOUS
Water	7732-18-5	>95	No
Sodium bicarbonate	144-55-8	<10	No
Sodium chlorite	7758-19-2	<1	Yes 5.1.1B; 6.1B; 6.3A; 6.4A; 6.9B; 9.1A; 9.2A; 9.3A

Section 4: First Aid Measures:

Swallowed: Drink several glasses of water.

Skin: Wash skin with soap and water.

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: Contact National Poisons Centre.

VETPAK SAFETY DATA SHEET

Section 5: Fire Fighting Measures

Type of Hazard: Not hazardous.

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: Wear protective clothing when taking up spill. To avoid the possibility of bleaching, the spill should be absorbed with paper towels, and the area rinsed with clean water. Prevent from entering sewers and drains. Should this product enter sewers or drains, it should be pumped out into an open vessel. Emergency services may need to be called to assist in this operation.

Section 7: Handling and Storage

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

Storage: Store in original labelled container with lid securely fastened.

Section 8: Exposure Controls / Personal Protection

Workplace Exposure Standards: None specified.

Engineering Controls: Local ventilation is required in the presence of airborne mists.

Personal Protective Equipment (PPE): RESPIRATORY: Wear a dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. EYE/FACE: Safety glasses with side shields or chemical goggles AS/NZS 1337. HAND: Impervious gloves AS/NZS 2161. SKIN/BODY: Overalls, safety shoes.



Hygiene Measures: Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking smoking or using the toilet facilities.

Section 9: Physical and Chemical Properties

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

Odour: None

Boiling Point / Melting Point: 100°C / -

Specific Gravity: 1.0

Flash Point: Not flammable

Flammability: Not flammable

Flammable Limits: N/A

Ignition temperature: N/A

pH: No data

Solubility in Water: Totally soluble.

VETPAK SAFETY DATA SHEET

Section 10: Stability and Reactivity

Stability of the Substance: Stable.

Conditions to avoid: None

Material to avoid: Strong acids.

Hazardous decomposition Products: Chlorine dioxide or chlorine.

Hazardous polymerization: Will not occur.

Section 11: Toxicological Information

Acute Effects:

Albino rats (oral): LD₅₀ =>1,500 mg/Kg

Swallowed: May cause discomfort

Skin: May be an irritant.

Eye: Mild ocular irritant.

Inhaled: No data **Chronic Toxicity:** Not known.

Irritation/Corrosion: Not known.

Carcinogenicity: Not considered to be a carcinogen.

Mutagenic Effects: Not suspected of causing genetic defects.

Reproductive or developmental effects: Not known.

Chronic Effects: None

Section 12: Ecological Information

Potential Environmental Considerations: Avoid release to waterways, sewers and storm water drains.

Ecotoxicity in water:

Chronic:

Phytotoxicity: No Data

Persistence and Degradability: Persistence unlikely, Biodegradable.

Section 13: Disposal Considerations

Disposal Information: Triple rinse containers and recycle where appropriate. Dispose in accordance with applicable local, regional and government regulations.

Section 14: Transport Information

Hazard Class: 9.1D

UN Number: None

Packing Group: None

Hazchem Code: None

Land Transport: Check regulations

Sea Transport: Check regulations

Air Transport: Check regulations

Other Information:

VETPAK SAFETY DATA SHEET

Section 15: Regulatory Information

HSNO Approval Number:

HSNO Classifications:

9.1D (Ecotoxic in the aquatic environment)

Regulatory status:

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

MPI approval of Maintenance Compounds: Specification Sanitiser, Category C43

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

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.

EC50 – Half maximal effective concentration. The concentration of a toxicant which induces a response halfway between the baseline and maximum after a specified exposure time.

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.

LD⁵⁰ – Lethal Dose sufficient to kill 50 percent of the test population within a certain time

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: 19th August 2019

VETPAK SAFETY DATA SHEET

Sources of key data used to compile the datasheet:

Manufacturers SDS

NZ EPA CCID

Health and Safety at Work (Hazardous Substances) Regulations 2017

Hazardous Substances (Minimum Degrees of Hazard) Notice 2017

Hazardous Substances (Safety Data Sheets Notice 2017

Hazardous Substances (Classification) Notice 2017

Labelling of Hazardous Substances Technical Guide 2012

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