

Safety Data Sheet – HygieneNix, Biodegradable Wet Wipes

1. Identification

Product Name: HygieneNix -Biodegradable Wet Wipes

UN Number: Not applicable.

Recommended Use: Anti-bacterial wipes for surface cleaning. Not to be used as body wipes.

Proper Shipping Name: Not applicable.

Supplier:

Name: Pacific Hygiene Limited

Address: 51 Arrenway Drive
Rosedale, Auckland 0632

Phone: 09 477 5700

Email: info@pacifichygiene.com

Website: www.pacifichygiene.com

Emergency Contacts: Emergency Services (Fire, Ambulance, Police) – Dial 111
National Poisons Information Centre – 0800 764 766 (0800 POISON)
Company Contact – 09 477 5700

2. Hazard Identification

This safety data sheet describes the hazardous properties of the liquid that the wipes are immersed in.

Statement of Hazardous Nature:

This product is classified as hazardous according to the criteria of the *Hazardous Substances (Hazard Classification) Notice 2020*.

Not classified as a Dangerous Good according to NZS 5433.

Hazard Classification:
Eye irritation category 2

Hazard Statements:
Causes serious eye irritation.



Prevention Statements:
Wear eye / face protection.
Wash hands thoroughly after handling.

WARNING

3. Composition & Information on Ingredients

Ingredients present on liquid that the wipes* are immersed in.

Ingredient	CAS Number	Concentration (%)
Water	7732-18-5	>96
Phenoxyethanol	122-99-6	1
Polysorbate 20	9005-64-5	1
Ethylhexylglycerin	70445-33-9	1
Caprylyl Glucoside	68515-73-1	0.2
Benzalkonium Chloride	8001-54-5	0.1
Propylene Glycol	57-55-6	<0.1
Tetrasodium EDTA	13235-36-4	<0.1
Citric Acid	77-92-9	<0.1
Lemon Fragrance	-	<0.1

*Wipes are 100% bamboo fibres.

4. First Aid Measures

If medical advice is needed, have product container or label at hand.

New Zealand Poisons & Hazardous Chemicals
 National Information Centre
 phone 0800 POISON – 0800 764 766

Skin: No irritation expected to occur. Wash off with plenty of water. If skin irritation occurs, seek medical advice.

Eyes: IF IN EYES, rinse opened eye for several minutes under running water. Remove contact lenses, if

present, and continue rinsing. If eye irritation persists, seek medical advice/attention.

Ingestion: IF SWALLOWED, do NOT induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Seek medical attention if you feel unwell.

Inhalation: IF INHALED, remove person to fresh air. If breathing difficulties occur, seek medical advice.

Advice to Doctor: Treat symptomatically.

5. Fire Fighting Measures

Flammability: Not flammable.

Extinguishing media: Use appropriate for surrounding materials. Use dry chemical, carbon dioxide, fine water spray or alcohol-resistant foam for extinction.

Hazardous Combustion products: Carbon and nitrogen oxides may be formed.

Fire Fighting Instructions: Treat as per requirements for surrounding fires. Evacuate area and contact

emergency services. Fight fire from safe distance and protected location. Approach from upwind. Do not allow run-off from firefighting to enter drains or water courses.

Fire fighters should wear approved self-contained breathing apparatus and full protective clothing. Move containers from fire area if you can do so without risk. Keep containers cool by spraying with water.

6. Accidental Release Measures

General precautions: Stop leak and contain the spill, if possible. Avoid contact with eye.

Small spills: Pick up the wipe(s) and transfer it into an appropriate container for reuse (if not contaminated) or in an appropriate, sealed container for later disposal in accordance with section 13.

Large spills: Wear appropriate protective equipment to prevent exposure (see Section 8). Absorb spill with earth, sand, diatomite or sawdust. Collect waste material and place in labelled containers for disposal in accordance with section 13.

Environmental precautions: Prevent spill from entering storm water and sewer drains and watercourses.

7. Handling & Storage

Safe Handling

Before use, read label carefully and follow all instruction.

Keep out of reach of children.

Wash hands after handling the product.

When handling in bulk quantities:

Wear protective gloves and eye/face protection.

Certified Handler: Not required

Storage

Keep container tightly closed.

Store in dry, well-ventilated area, removed from foodstuffs. Keep cool.

Keep away from heat and direct sunlight.

Ensure containers are labelled, protected from physical damage and sealed when not in use.

8. Exposure Controls & Personal Protection

Exposure Standards

Workplace Exposure Standards (WES):

Ingredient	CAS Number	TWA	STEL	Notes
Propylene Glycol (particulates only)	57-55-6	10 mg/m ³	-	-
Propylene Glycol (vapour and particulates)	57-55-6	474 mg/m ³	-	-

Data source: *Workplace Exposure Standards and Biological Indices (15th Edition, Feb 2025, WorkSafe)*

Biological Exposure Indices (BEI): No biological exposure indices have been set for this product or its ingredients.

Engineering Controls

Ventilation: Ensure adequate ventilation – optimise natural airflows.

Personal Protection (PPE)

Wear protective gloves, clothing and eye protection where large quantities are handled.

Eyes/Face: Not necessary in normal use. When handling in bulk quantities, wear splash resistant safety glasses with side shields or safety goggles (AS/NZS 1337).

Skin: Not necessary in normal use. When handling in bulk quantities, wear nitrile rubber gloves. The glove material must be impermeable and resistance to the product (in accordance with AS/NZS 2161). Consult your glove supplier for specific product information.

Respiratory: Not required under the recommended storage and handling conditions. In case of inadequate ventilation and where the substance concentration can be higher than the exposure standard, wear an approved respirator with high-efficiency particulate filter (rated P2, P3, N100, or P100) that is specifically oil-resistant. Respiratory protection should comply with AS/NZS 1716 and maintained with AS/NZS 1715 (current until at least 2030). Alternatively, respiratory protection could comply with AS/NZS 16975.1 and 16975.2.

9. Physical & Chemical Properties

Appearance and Colour: White wipes with colourless liquid.

Odour: Lemon fragrance.

Odour threshold: No data available.

pH: 5 - 7

Melting point: Not applicable.

Boiling point: No data available.

Flash point: Not applicable.

Flammability: Not flammable.

Lower Flammability Limit (LEL): Not applicable.

Upper Flammability Limit (UEL): Not applicable.

Vapour pressure: No data available

Vapour density (air = 1): No data available

Relative density (water = 1): No data available

Solubility in water: Soluble.

Partition coefficient: n-octanol/water: No data available

Autoignition temp: No data available

Decomposition temp: No data available

Viscosity (kinematic): No data available

10. Stability & Reactivity

Stability: Stable under normal conditions of storage and use.

Reactivity: None expected

Conditions to avoid: Exposure to direct sunlight and hot temperatures.

Incompatible Materials: Oxidising agents.

Hazardous decomposition products: Not expected.

11. Toxicological Information

Health Effects / Symptoms of Exposure

Acute Exposure

Skin: May cause skin dryness on prolonged exposure.

Eyes: May cause serious eye irritation.

Ingestion: Not an expected route of exposure. May cause symptoms of gastrointestinal upset including nausea or vomiting.

Inhalation: No effect is expected, but it may be irritant to respiratory tract.

Aspiration Hazard: Not classified.

Chronic Exposure

Respiratory or Skin sensitisation: Not classified.

Mutagenicity: Not classified.

Carcinogenicity: Not classified.

Reproductive Toxicity: Not classified.

Specific Target Organ Toxicity (STOT): Not classified.

Toxicological Data

No data is available for this product as a whole. Toxicological data below is for individual ingredients.

Phenoxyethanol	LD ₅₀ (Oral, Mouse) =	933 mg/kg
Benzalkonium Chloride	LD ₅₀ (Oral, Rat) =	304.5 mg/kg
	LD ₅₀ (Dermal, Rat) =	930 mg/kg

Data source: CCID

12. Ecological Information

Persistence in environment: No data available.

Bioaccumulative: No data available.

Biodegradability: Bamboo fibres are biodegradable.

Mobility in soil: Not expected.

Ecotoxicological Data

No data available for this product as a whole. Data below is for individual ingredients.

Benzalkonium Chloride	LC ₅₀ (<i>Rainbow trout</i> , 96-hr) =	0.064 mg/L
	EC ₅₀ (<i>Daphnia magna</i> , 48-hr) =	0.0059 mg/L
	EC ₅₀ (Green algae, 96-hr) =	0.085mg/L

Data source: CCID.

13. Disposal Considerations

Do not allow into drains, sewers or watercourses. Do not flush wipes down the toilets.

Small quantities and used wipes may be disposed of through normal household / commercial waste removal facilities

Bulk quantities may be disposed of through an approved hazardous waste contractor. Disposal waste contractors must comply with the *New Zealand Hazardous Substances (Disposal) Notice 2017*.

Containers may only be recycled if clean and free of residue so as to be non-hazardous.

14. Transport Information

Not classified as a Dangerous Good according to NZS 5433:2020, UN Model Regulations, IATA and/or IMDG.

Proper Shipping Name: Not applicable.

Subsidiary Risk: Not applicable.

UN Number: Not applicable.

Packing Group: Not applicable.

DG Class: Not applicable.

Marine Pollutant: Product or ingredients are not listed as Marine Pollutant.

15. Regulatory Information

HSNO Approval

All ingredients listed in the NZIoC.

This substance is to be managed using the conditions specified in an applicable Group Standard or Approval Number.

HSNO Group Standard: Cleaning Products (Subsidiary Hazard) Group Standard 2020 - HSR002530

TEL or EEL: None applied to this product or its ingredients.

Certified Handler: Not required.

Tracking: Not required.

Controlled Substance Licence: Not required.

Restriction of use: None know.

Hazardous Substance Location

Subject to the Health and Safety at Work (Hazardous Substances) Regulations 2017.

	Threshold Quantity
<u>Signage Trigger Quantities (Schedule 3)</u>	Not required.
<u>Emergency Response Plan (Schedule 5)</u>	Not required.
<u>Secondary Containment (Schedule 5)</u>	Not required.
<u>Location Compliance Certificate</u>	Not required.

16. Other Information

Abbreviations / Terminology:

AS/NZS	Joint Australian New Zealand Standard
AS/NZS 1337	Personal eye-protection
AS/NZS 2161	Occupational protective gloves
AS/NZS 1715	Selection, use and maintenance of respiratory protective equipment

AS/NZS 1716	Respiratory protective devices
AS/NZS 16975.1	Respiratory protective devices - Selection, use and maintenance, Part 1: Establishing and implementing a respiratory protective device programme
AS/NZS 16975.2	Respiratory protective devices - Selection, use and maintenance, Part 2: Condensed guidance to establishing and implementing a respiratory protective device programme.
CAS #	Chemical Abstract Service number (a unique identifier for chemicals)
CCID	New Zealand Chemical Classification and Information Database
EC ₅₀	Median effect concentration, being a statistically derived concentration of a substance that can be expected to cause an adverse reaction or reduction in growth/growth rate in 50 percent of organisms.
EEL	Environmental Exposure Limits
HSNO	(New Zealand) Hazardous Substances and New Organisms Act
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
LD ₅₀	Median lethal dose, being a statistically derived single dose of a substance that can be expected to cause death in 50 percent of animals.
NZIoC	New Zealand Inventory of Chemicals
NZS 5433	Transport of Dangerous Goods on Land
TEL	Tolerable Exposure Limits
TWA	Time Weighted Average
STEL	Short Term Exposure Limit

Prepared with reference to:

- *Hazardous Substances (Safety Data Sheets) Notice 2017*, published by Environmental Protection Authority, New Zealand.

Revision Information:

SDS may be revised from time to time, please ensure you have a current copy.

Current version: 28 May 2026 (v1)

Disclaimer:

This safety data sheet attempts to describe as accurately as possible the potential exposures associated with normal use of the product described herein. Health and safety precautions in the data sheet may not be adequate for all individuals and/or situations. Users have the responsibility to evaluate and use this product safely and to comply with all applicable laws and regulations.

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