

Safety Data Sheet



Enviromist

1. Identification of the substance/mixture and supplier

Product Name	Enviromist
Other names	None allocated
Recommended Uses	Surface cleaner
Supplier	Hygiene Technologies Ltd
Street address	28 Rangitane Road, Whakatu, Hastings 4172 New Zealand
Freephone Number	0800 732 525
Telephone Number	(06) 876 4111
Facsimile	(06) 878 3802
Email	info@hygienetech.co.nz
Emergency Telephone	NZ Fire Service - 111 National Poisons Centre – 0800 764 766 (0800 POISON)

2. Hazards Identification

Dangerous Goods	Not classified as a Dangerous Good according to NZS5433:2020 "Transport of Dangerous Goods on Land".
Hazardous Substances	Classified as hazardous according to criteria in the Hazardous Substances (Hazard Classification) Notice 2020.
Signal Word	WARNING
Hazard Classifications	Eye Irritation – Category 2A
Hazard Statements	Causes serious eye irritation.
Precautionary Statements	Wash hands thoroughly after handling. Wear eye protection.
Response Statements	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Storage	None allocated
Disposal	Dispose of contents/container in accordance with local regulations.



3. Composition/Information on Ingredients

Contents	CAS Number	Proportion
Water	7732-18-5	>60 %
Surfactants	None allocated	<5 %
Solvent	None allocated	<3 %
Blue Dye	None allocated	<0.5 %
Perfume	None allocated	<0.3 %
Ingredients determined to be non-hazardous	None allocated	Balance

4. First Aid Measures

For advice, contact National Poisons Information Centre (Phone 0800 764 766) or a doctor. Have product container or label at hand. Get medical advice/attention if you feel unwell.

Swallowed	If swallowed do <u>NOT</u> induce vomiting. Rinse mouth with water. Give water to drink to achieve dilution. Never give anything by mouth to an unconscious person. Call a POISON CENTRE or doctor.
Eye Contact	Immediately flush with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical attention if effects persist.
Skin Contact	If skin or hair contact occurs, remove contaminated clothing and flush skin with running water. If swelling, redness, blistering or irritation occurs, seek medical attention.
Inhaled	Remove to fresh air and keep at rest in a position comfortable for breathing. Remove contaminated clothing and loosen remaining clothing. Keep at rest until fully recovered. Call a POISON CENTRE or doctor if effects persist.
Advice to Doctor	Treat symptomatically.

5. Fire-fighting Measures

Specific Hazards	Non-combustible liquid.
Suitable Extinguishing Media	If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).
Fire-fighting advice	Non-combustible, however following evaporation of aqueous component residual material can burn if ignited.

6. Accidental Release Measures

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of dust. Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

Dangerous Goods - Initial Emergency Response Guide No: Not applicable

7. Handling and Storage

Handling advice

Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour, mist or aerosols.

Storage advice

Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.

8. Exposure Controls / Personal Protection

Workplace Exposure Guidelines

No value assigned for this specific material by WorkSafe New Zealand.

Biological Limit Values

As per WorkSafe New Zealand, the ingredients in this material do not have a biological limit allocated.

Engineering Controls

Natural ventilation should be adequate under normal use conditions.

Personal Protective Equipment

GLOVES, SAFETY GLASSES, RESPIRATOR (If an inhalation risk exists)

Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

Wear gloves and safety glasses. Use with adequate ventilation. If inhalation risk exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from butyl rubber, natural rubber, nitrile rubber, neoprene, polyvinyl chloride (PVC) should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene Measures

Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and skin contact. Avoid inhalation of dust. Ensure that eyewash stations and safety showers are close to the workstation location.

9. Physical and Chemical properties

Physical state	Yellow liquid
Odour	Spring floral
Solubility	Completely soluble in all proportions
Specific Gravity	1.00 – 1.02
Flash Point (°C)	Not applicable
pH	10.79 (100% solution)
Viscosity	Low viscosity similar to water
Freezing Point	Not available
Boiling Point	Not available
Vapour Pressure	Not available
Evaporation Rate	Not available

10. Stability and Reactivity

Stability	This material is thermally stable when stored and used as directed.
Conditions to avoid	Elevated temperatures and sources of ignition.
Incompatible materials	Oxidising agents
Hazardous decomposition products	Oxides of carbon and nitrogen, smoke and other toxic fumes.
Hazardous reactions	No known hazardous reactions.

11. Toxicological information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled or overexposure occurs are:

Swallowed	Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.
Eye Contact	An eye irritant.
Skin Contact	Contact with skin may result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.
Inhaled	Material may be an irritant to mucous membranes and respiratory tract.
Acute Toxicity	
Inhalation	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): LC50 > 20.0 mg/L for vapours or LC50 > 5.0 mg/L for dust and mist or LC50 > 5,000 ppm gas.
Skin Contact	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >5,000 mg/Kg bw.
Ingestion	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >5,000 mg/Kg bw.
Corrosion/Irritancy	Eye: this material has been classified as a substance that is irritating to the eye. Skin: this material has been classified as non-corrosive or irritating to skin.
Sensitisation	Inhalation: this material has been classified as a non-respiratory sensitiser. Skin: this material has been classified as a non-skin sensitiser.
Aspiration hazard	This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure)

This material has been classified as non-hazardous.

Chronic Toxicity**Mutagenicity**

This material has been classified as non-hazardous.

Carcinogenicity

This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation)

This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure)

This material has been classified as non-hazardous.

12. Ecological information

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >10 mg/L

Long-term aquatic hazard: This material has been classified as non-hazardous. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available or in the absence of chronic toxicity data, acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log K_{ow} <4.

Ecotoxicity in the soil environment: This material has been classified as non-hazardous.

Ecotoxicity to terrestrial vertebrates: This material has been classified as non-hazardous.

Ecotoxicity to terrestrial invertebrates: This material has been classified as non-hazardous.

Ecotoxicity: No information available.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information available.

13. Disposal

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS. If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international regulations.

Special Precautions: Empty drums should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Observe all safeguards on label and in this SDS until container is cleaned, reconditioned or destroyed. Decontaminate empty containers with water. Dispose of container and unused contents in accordance with local authority requirements. Do not store food stuffs in used containers.

14. Transport information

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDGCode) for transport by sea.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) DangerousGoods Regulations for transport by air.

15. Regulatory Information

ERMA (NZ) Approval Code HSR 002530

Group Standard Industrial and Institutional Cleaning Products (Subsidiary Hazard)
Group Standard

Classifications Eye Irritation – Category 2A

For more information refer to the ERMA website: www.epa.govt.nz

16. Other information

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use and handling are beyond seller's control. The User is responsible to evaluate all available information when using the product for any particular use and to comply with all the current legislation.

END OF SDS.