

Safety Data Sheet

PRORESTORE
PRODUCTS

1. Identification

1.1 Product identifier.

Product identifier. 118143
Product name. ODORx Liqui-Zone
Pure substance/mixture. No Information

1.2 Relevant identified uses of the substance or mixture and uses advised against.

Recommended Use. Deodorizer
Uses advised against. Professional Use Only

1.3 Details of the supplier of the safety data sheet.

Supplier. Legend Brands
 ProRestore Products
 15180 Josh Wilson Road Burlington, WA 98233
 E-Mail: sds@legendbrands.com 800-932-3030

Distributor: Cleaning Systems Ltd

41b Trugood Drive
 East Tamaki, Auckland, NZ 2013
 E-Mail: sales@cleaningsystems.co.nz
 P: 0800 100 117 | +64 9 579 4114

New Zealand Poison Control 0800 764-766

2. Hazards Identification

2.1 Classification of the substance or mixture.

Acute Toxicity, Inhalation, category 4
 Eye Irritation, category 2A
 Hazardous to the aquatic environment, Acute, category 3
 Hazardous to the aquatic environment, Chronic, category 3
 Reproductive Toxicity, category 1A
 Skin Irritation, category 2
 STOT, repeated exposure, category 2

2.2 Label elements.



Signal Word

Danger

Named Chemicals On Label

Sodium chlorite

GHS HAZARD STATEMENTS

Acute Toxicity, Inhalation, category 4 H332 Harmful if inhaled.

Eye Irritation, category 2A	H319	Causes serious eye irritation.
Hazardous to the aquatic environment, Acute, category 3	H402	Harmful to aquatic life.
Hazardous to the aquatic environment, Chronic, category 3	H412	Harmful to aquatic life with long lasting effects.
Reproductive Toxicity, category 1A	H360	May damage fertility or the unborn child.
Skin Irritation, category 2	H315	Causes skin irritation.
STOT, repeated exposure, category 2	H373	May cause damage to organs through prolonged or repeated exposure.

GHS LABEL PRECAUTIONARY STATEMENTS

P201	Obtain special instructions before use.
P260	Do not breathe dust, fume, gas, mist, vapours, spray.
P264	Wash face, hands and any exposed skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves, protective clothing, eye protection, face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P321	Specific treatment (If applicable, see any additional instructions on the label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice or attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents/container to an approved waste disposal plant.

2.3 Other hazards

EMERGENCY OVERVIEW: No Information

3. Composition/Information on Ingredients**3.1 Substances.**

This product is a mixture. Health hazard information is based on its components.

3.2 Mixtures.

CAS-No.	EINECS No.	Wt. %	Chemical Name	GHS Statements	GHS Classifications
7758-19-2	231-836-6	1.0-2.5	Sodium chlorite	H272-301-310-314-330-360-3 73-400-410	Acute Tox. 1 Inhalation- Acute Tox. 2 Dermal- Acute Tox. 3 Oral- Aquatic Acute 1- Aquatic Chronic 1- Ox. Liq. 2- Ox. Sol. 2- Repr. 1A- Skin Corr. 1B- STOT RE 2

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. First-aid Measures**4.1 Description of first-aid measures.****General advice.**

Call a physician if irritation develops or persists. When symptoms persist or in all cases of doubt seek medical advice.

Inhalation.

Move to fresh air.

Skin contact.

Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.

Eye contact.

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Remove contact lenses, if present.

Ingestion.

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Gently wipe or rinse the inside of the mouth with water.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms

See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

4.3. Indication of any immediate medical attention and special treatment needed

Notes to physician

Treat symptomatically.

5. Fire-fighting Measures

5.1 Extinguishing media.

Suitable extinguishing media.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media which shall not be used for safety reasons.

High volume water jet.

5.2 Special hazards arising from the substance or mixture.

No information available.

5.3 Advice for firefighters.

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures.

Personal precautions.

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe vapors or spray mist.

Advice for emergency responders.

Use personal protection recommended in Section 8.

6.2 Environmental precautions.

Prevent product from entering drains. See Section 12 for additional Ecological information.

6.3. Methods and material for containment and cleaning up

Methods for Containment.

Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers.

Methods for cleaning up.

Use personal protective equipment as required.

6.4. Reference to other sections

No Information

7. Handling and Storage

7.1. Precautions for safe handling

Advice on safe handling.

Handle in accordance with good industrial hygiene and safety practice.

Hygiene measures.

See section 7 for more information.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions.

Keep containers tightly closed in a cool, well-ventilated place.

7.3 Specific end use(s)

Specific use(s)

No Information

Exposure scenario

No information available

8. Exposure Controls/Personal Protection

8.1 Control parameters**Exposure Limit Values**

No hazardous items exist

8.2 Exposure controls**Derived No Effect Level (DNEL)**

No information available

Predicted No Effect Concentration (PNEC)

No information available

Engineering Measures.

Showers, eyewash stations, and ventilation systems.

Personal protective equipment.**Eye/Face Protection.**

Safety glasses with side-shields.

Hand Protection.

Wear suitable protective clothing.

Skin and body protection.

No Information

Respiratory protection.

In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene measures.

See section 7 for more information.

Environmental Exposure Controls.

No Information

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties.

Physical state	Liquid
Appearance	Clear
Color	light yellow
Odor	Chlorine
Odor Threshold	No Information
pH	6.4
Melting point / freezing point (°C)	No Information
Flash Point, (°C)	93
Boiling point/range (°C)	100 - 100
Evaporation rate	No Information
Combustibility:	Does not Support Combustion
Upper/lower flammability or explosive limits	No Information
Vapour Pressure	No Information
Vapour density	No Information

Specific Gravity (g/cm ³)	1.014
Solubility in / Miscibility with Water	Soluble in water
Partition Coefficient: n-octanol/water	No Information
Auto-Ignition Temperature (°C)	No Information
Decomposition temperature (°C)	No Information
Viscosity	No Information

9.2 Other information.

Volatile Organic Compounds (VOC) content	None
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(See section 16 for abbreviation legend)

10. Stability and Reactivity

10.1 Reactivity.

Stable under normal conditions.

10.2 Chemical stability.

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions.

None known based on information supplied.

10.4 Conditions to Avoid.

None known.

10.5 Incompatible Materials.

None known based on information supplied.

10.6 Hazardous Decomposition Products.

None known.

11. Toxicological Information

11.1 Information on toxicological effects**Acute Toxicity****Product Information**

The acute effects of this product have not been tested. Data on individual components are tabulated below.

The following values are calculated based on chapter 3.1 Of the GHS document

ATEmix (oral)	9,190.9 mg/kg
ATEmix (dermal)	5,971.3 mg/kg
ATEmix (inhalation - vapor)	11.14 mg/l

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>LD50 Oral</u>	<u>LD50 Dermal</u>	<u>LC50 Inhalation</u>
7758-19-2	Sodium chlorite	165 mg/kg Rat	107.2 mg/kg Rabbit	.2 mg/L Rat

N.I. = No Information

Skin corrosion/irritation.

SKIN IRRITANT.

Eye damage/irritation.

No Information

Respiratory or skin sensitization.

No Information

Ingestion.

No Information

Germ cell mutagenicity.

No Information

Carcinogenicity.

No Information

Reproductive toxicity.

No Information

Specific target organ systemic toxicity (single exposure).

No Information

Specific target organ systemic toxicity (repeated exposure).

No Information

Aspiration hazard.

No Information

Primary Route(s) of Entry

No Information

12. Ecological Information

12.1 Toxicity

0.00% of the mixture consists of ingredient(s) of unknown aquatic toxicity

Ecotoxicity Effects

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Sodium chlorite 7758-19-2	-	LC50 96 h Brachydanio rerio 100 - 500 mg/L, LC50 96 h Lepomis macrochirus >100 mg/L, LC50 96 h Oncorhynchus mykiss >100 mg/L	EC50 48 h Daphnia magna 0.026 mg/L, EC50 48 h Daphnia magna 0.25 - 0.33 mg/L, EC50 48 h Daphnia magna 0.012 - 0.018 mg/L

12.2. Persistence and degradability.

No data are available on the product itself..

12.3. Bioaccumulative potential.

Discharge into the environment must be avoided.

CAS-No.

7758-19-2

Chemical Name

Sodium chlorite

Bio. Conc. Factor (BCF)

N.I.

Octanol-water par. Coeff (KOW)

<-2.7

12.4 Mobility in soil.**Mobility in soil.**

No information available

Mobility

No information available

12.5 Results of PBT and vPvB assessment.

No data are available on the product itself.

12.6 Other adverse effects.

No information available

13. Disposal Considerations

13.1 Waste treatment methods.**Waste from residues / unused products**

Dispose of as special waste in compliance with local and national regulations.

14. Transport Information

ADR

14.1 UN number:	No Information
14.2 UN proper shipping name:	Not regulated
14.3 Transport hazard class(es):	No Information
14.4 Packing group:	No Information
14.5 Environmental hazards:	No Information
14.6 Special precautions for user:	No Information

IMDG

14.1 UN number:	No Information
14.2 UN proper shipping name:	Not regulated
14.3 Transport hazard class(es):	No Information
14.4 Packing group:	No Information

14.5 Environmental hazards

Marine pollutant: No Information
 Environmental hazards: No Information

14.6 Special precautions for user: No Information

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: No Information

IATA

14.1 UN number: No Information

14.2 UN proper shipping name: Not regulated

14.3 Transport hazard class(es): No Information

14.4 Packing group: No Information

14.5 Environmental hazards: No Information

14.6 Special precautions for user: No Information

15. Regulatory Information**15.1 Safety, health and environmental regulations/legislation for the substance or mixture:****International Inventories**

TSCA	Complies
DSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECI	Complies
PICCS	Complies
AIIC	Complies
NZIoC	Complies

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory.
DSL	Canadian Domestic Substances List.
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances.
ENCS	Japan Existing and New Chemical Substances.
IECSC	China Inventory of Existing Chemical Substances.
KECL	Korean Existing and Evaluated Chemical Substances.
PICCS	Philippines Inventory of Chemicals and Chemical Substances.
AIIC	Australian Inventory of Chemical Substances.
NZIoC	New Zealand Inventory of Chemicals.
HSNO Approval Code	HSR002526

Additional Information

Additional Information - Sxn 15: No Information

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

16. Other Information

Revision Date	5/30/2024	Supersedes Date	8/4/2022
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Reason for revision	Substance and/or Product Properties Changed in Section(s): 01 - Product Information 02 - Hazards Identification 03 - Composition/Information on Ingredients 14 - Transportation Information 15 - Regulatory Information Revision Statement(s) Changed
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Datasheet produced by	Regulatory Department
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Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H272	May intensify fire; oxidiser.
H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H330	Fatal if inhaled.
H360	May damage fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined