

# SAFETY DATA SHEET

# PRORESTORE

PRODUCTS

Revision Date 05-May-2015  
Version 1

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product name Liqui-Zone  
Product code LG-F1036

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

Recommended Use Deodorizer  
Restrictions on use 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  
800-932-3030

### 1.4 Emergency telephone number

Emergency telephone number INFOTRAC 1-800-535-5053 (North America)  
1-352-323-3500 (International)

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910.1200

Acute toxicity - Inhalation (Vapors)	Category 4
Flammable liquids	Category 4

### 2.2 Label elements

#### Signal Word

Warning

#### Hazard Statements

Harmful if inhaled  
Combustible liquid



**Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area  
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
 Wear protective gloves/protective clothing/eye protection/face protection

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Call a POISON CENTER or doctor/physician if you feel unwell  
 In case of fire: Use CO2, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**2.3 Other Hazards Hazards not otherwise classified (HNOC)**

Not Applicable

**2.4 Other information**

Not Applicable

**Unknown Acute Toxicity**

< 1% of the mixture consists of ingredient(s) of unknown toxicity

**3. Composition/Information on Ingredients**

**Substance**

Chemical Name	CAS-No	Weight %
Sodium chlorite	7758-19-2	1 - 5

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. First aid measures**

**4.1 Description of first-aid measures**

**General advice** When symptoms persist or in all cases of doubt seek medical advice.

**Eye contact** Remove contact lenses. Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention.

**Skin contact** Wash off immediately with soap and plenty of water. Use a mild soap if available.

**Inhalation** Move to fresh air. Get medical attention immediately if symptoms occur.

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

**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 Recommendations for immediate medical care and/or special treatment**

**Notes to physician** Treat symptomatically.

**5. Fire-Fighting Measures**

**5.1 Extinguishing media**

**Suitable extinguishing media**

Use water spray, fog, Carbon dioxide (CO<sub>2</sub>), foam or dry chemical.

**Unsuitable Extinguishing Media** High volume water jet.

**5.2 Specific hazards arising from the substance or mixture**

**Special Hazard**

Hazardous decomposition products formed under fire conditions

**Hazardous Combustion Products** No information available.

**Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**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**

Ensure adequate ventilation, especially in confined areas. Use personal protective equipment.

**6.2 Environmental precautions**

Prevent product from entering drains. Do not allow material to contaminate ground water system. See Section 12 for additional Ecological information.

**6.3 Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

**7. Handling and storage**

**7.1 Precautions for safe handling**

**Advice on safe handling** Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Use only in well-ventilated areas.

**Hygiene measures** When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use.

**7.2 Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from frost.

**Materials to Avoid** Strong acids. Oxidizing agents.

**8. Exposure controls/personal protection**

**8.1 Occupational Exposure Limits (OEL)**

**8.2 Appropriate engineering controls**

**Engineering Measures** Ensure adequate ventilation, especially in confined areas.

**8.3 Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	Safety glasses with side-shields.
<b>Skin and body protection</b>	Long sleeved clothing.
<b>Respiratory protection</b>	In case of insufficient ventilation wear suitable respiratory equipment.
<b>Hygiene measures</b>	See section 7 for more information

**9. Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid
<b>Appearance</b>	No information available
<b>Color</b>	light yellow
<b>Odor</b>	Chlorine
<b>Odor Threshold</b>	0.01 ppm

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
<b>pH</b>	6.4	
<b>Melting/freezing point</b>		No information available
<b>Boiling point/boiling range</b>	101 °C / 214 °F	
<b>Flash Point</b>	> 93 °C / > 200 °F	
<b>Evaporation rate</b>		No information available
<b>Flammability (solid, gas)</b>		No information available
<b>Flammability Limits in Air</b>		
upper flammability limit		No information available
lower flammability limit		No information available
<b>Vapor pressure</b>		No information available
<b>Vapor density</b>		No information available
<b>Specific Gravity</b>		No information available
<b>Water solubility</b>	completely soluble	
<b>Solubility in other solvents</b>		No information available
<b>Partition coefficient</b>		No information available
<b>Autoignition temperature</b>		No information available
<b>Decomposition temperature</b>		No information available
<b>Viscosity, kinematic</b>		No information available
<b>Viscosity, dynamic</b>		No information available
<b>Explosive properties</b>		No information available
<b>Oxidizing Properties</b>		No information available

**9.2 Other information**

**Volatile organic compounds (VOC) content** Negligible

**10. Stability and Reactivity**

**10.1 Reactivity**

No data available

**10.2 Chemical stability**

Stable under normal conditions

**10.3 Possibility of hazardous reactions**

None under normal processing.

**10.4 Conditions to Avoid**

Protect from frost, heat and sunlight.

**10.5 Incompatible Materials**

Strong acids. Oxidizing agents.

**10.6 Hazardous Decomposition Products**

Chlorine. Chlorine gas.

**11. Toxicological information**

**11.1 Acute toxicity**

**Numerical measures of toxicity: Product Information**

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

**Unknown Acute Toxicity** < 1% of the mixture consists of ingredient(s) of unknown toxicity

<b>Oral LD50</b>	10,233.00 mg/kg
<b>Dermal LD50</b>	6,648.10 mg/kg mg/l
<b>Vapor</b>	14.26 mg/l

**Numerical measures of toxicity: Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium chlorite 7758-19-2	165 mg/kg ( Rat )	= 107.2 mg/kg ( Rabbit )	= 230 mg/m <sup>3</sup> ( Rat ) 4 h

**11.2 Information on toxicological effects**

**Skin corrosion/irritation**

- Product Information  
 • No information available  
Component Information  
 • No information available

**Eye damage/irritation**

- Product Information  
 • No information available  
Component Information  
 • No information available

**Respiratory or skin sensitization**

- Product Information  
 • No information available  
Component Information  
 • No information available

**Germ Cell Mutagenicity**

- Product Information  
 • No information available  
Component Information  
 • No information available

**Carcinogenicity**

- No information available

**Reproductive toxicity**

Product Information

- No information available

Component Information

- No information available

**STOT - single exposure**

No information available

**STOT - repeated exposure**

No information available

**Other adverse effects**

Target Organs

- No information available

Product Information

- No information available

Component Information

- No information available

**Aspiration hazard**

Product Information

- No information available

Component Information

- No information available

**12. Ecological information**

**12.1 Toxicity**

**Ecotoxicity**

No information available

< 1 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

**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 static LC50: 96 h Lepomis macrochirus 100 mg/L static LC50: 96 h Oncorhynchus mykiss 100 mg/L static	EC50: 48 h Daphnia magna 0.026 mg/L EC50: 48 h Daphnia magna 0.25 - 0.33 mg/L Flow through EC50: 48 h Daphnia magna 0.012 - 0.018 mg/L Static

**12.2 Persistence and degradability**

No information available.

**12.3 Bioaccumulative potential**

Discharge into the environment must be avoided

**12.4 Mobility in soil**

No information available.

**12.5 Other adverse effects**

No adverse effects are expected.

**13. Disposal Considerations**

**13.1 Waste Disposal Guidance**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. Transport Information**

<b><u>DOT</u></b>	Not regulated
<b><u>MEX</u></b>	Not regulated
<b><u>IMDG</u></b>	Not regulated
<b><u>IATA</u></b>	Not regulated

**15. Regulatory information**

**15.1 International Inventories**

<b>TSCA</b>	Complies
<b>DSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies
<b>NZIoC</b>	Complies

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL** - Canadian Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and 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  
**AICS** - Australian Inventory of Chemical Substances  
**NZIoC** - New Zealand Inventory of Chemicals

**15.2 U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**15.3 Pesticide Information**

Not applicable

**15.4 U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**16. Other information**

<b><u>NFPA</u></b>	<b>Health Hazard</b> 1	<b>Flammability</b> 2	<b>Instability</b> 0	<b>Physical and chemical hazards -</b> <b>Personal protection</b> X
<b><u>HMIS</u></b>	<b>Health Hazard</b> 1	<b>Flammability</b> 2	<b>Physical Hazard</b> 0	

**Legend:**

ACGIH (*American Conference of Governmental Industrial Hygienists*)  
Ceiling (C)  
DOT (*Department of Transportation*)  
EPA (*Environmental Protection Agency*)  
IARC (*International Agency for Research on Cancer*)  
International Air Transport Association (IATA)  
International Maritime Dangerous Goods (IMDG)  
NIOSH (*National Institute for Occupational Safety and Health*)  
NTP (*National Toxicology Program*)  
OSHA (*Occupational Safety and Health Administration of the US Department of Labor*)  
PEL (*Permissible Exposure Limit*)  
Reportable Quantity (RQ)  
Skin designation (S\*)  
STEL (*Short Term Exposure Limit*)  
TLV® (*Threshold Limit Value*)  
TWA (*time-weighted average*)

**Revision Date** 05-May-2015

**Revision Note**

No information available

**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**