

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

**1.1 Product identifier**

**Product name** LIQUID WALL WASH  
**Product code** W.20310

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

**Recommended Use** Professional Cleaning Agent  
**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  
  
Legend Brands  
4520 Eastgate Parkway  
Mississauga, ON L4W 3W6  
800-932-3030

**E-mail Address** ehs@prorestoreproducts.com

**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**

Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1

**2.2 Label elements**

**Signal Word**

Danger

**Hazard Statements**

Causes severe skin burns and eye damage

**Precautionary Statements - Prevention**

Do not breathe dusts or mists  
 Wash face, hands and any exposed skin thoroughly after handling  
 Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

Immediately call a POISON CENTER or doctor  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Immediately call a POISON CENTER or doctor  
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower  
 Wash contaminated clothing before reuse  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing  
 Immediately call a POISON CENTER or doctor  
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

**Precautionary Statements - Storage**

Store locked up

**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****Mixture**

Chemical Name	CAS No.	Weight-%
Ethylene glycol monobutyl ether	111-76-2	5 - 10
Alcohols, C6-C12, Ethoxylated, propoxylated	68937-66-6	5 - 10
Alcohols, C10-C16, ethoxylated, propoxylated	69227-22-1	1 - 5
C6-12 ALKLY ALCOHOL ETHOXYLATE	68921-24-4	1 - 5
PHOSPHORIC ACID		
Sodium Metasilicate	6834-92-0	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** Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.

**Eye contact** Remove contact lenses, if present. Call a physician immediately. Rinse immediately with

plenty of water, also under the eyelids, for at least 15 minutes.

**Skin contact**

Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. Call a physician immediately. Use a mild soap if available.

**Inhalation**

Move to fresh air. Consult a physician after significant exposure. Call a doctor immediately if allergic signs, particularly in the respiratory tract, are observed.

**Ingestion**

Gently wipe or rinse the inside of the mouth with water. Call a physician immediately. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Risk of product entering the lungs on vomiting after ingestion.

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

**Unsuitable Extinguishing Media** None.

**5.2 Special hazards arising from the substance or mixture****Special Hazard**

Immediately place absorbent material in a sealed water-filled metal container to avoid spontaneous combustion of absorbent material contaminated with this product.

**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**

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

**6.2 Environmental precautions**

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

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth,

diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

## 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. Do not breathe vapors or spray mist. Use only in area provided with appropriate exhaust ventilation.

**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 locked up or in an area accessible only to qualified or authorized persons. Store between 41 and 77 °F (5 - 25° C) in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Store in original container.

**Materials to Avoid** Acids. Alcohols. Oxidizing agents. Aldehydes. Halogenated hydrocarbons. Ketones. Copper. Copper alloys. sodium hypochlorite. Avoid radical-forming starting agents, peroxides and reactive metals.

## 8. Exposure controls/personal protection

### 8.1 Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	British Columbia	Alberta	Quebec	Ontario TWAEV
Ethylene glycol monobutyl ether 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> S*	TWA: 20 ppm	TWA: 20 ppm TWA: 97 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 97 mg/m <sup>3</sup>	TWA: 20 ppm

### 8.2 Appropriate engineering controls

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

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

**Eye/Face Protection** Safety glasses with side-shields.

**Skin and body protection** Long sleeved clothing. Rubber or plastic apron.

**Respiratory protection** In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Wear a positive-pressure supplied-air respirator. Respirator with filter for organic vapor.

**Hygiene measures** 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>Color</b>	light green
<b>Appearance</b>	Clear	<b>Odor Threshold</b>	No information available
<b>Odor</b>	No information available		

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
pH	12.8	
Melting/freezing point		No information available
Boiling point/boiling range		No information available
Flash Point	> 94 °C / > 201 °F	
Evaporation rate		No information available
Flammability (solid, gas)		No information available
Flammability Limits in Air		
upper flammability limit		No information available
lower flammability limit		No information available
Vapor pressure		No information available
Vapor density		No information available
Specific Gravity	1.032	
Water solubility	Miscible with water	
Solubility in other solvents		No information available
Partition coefficient		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
Viscosity, kinematic		No information available
Viscosity, dynamic		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** 10.4%

## 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

Direct sources of heat.

### 10.5 Incompatible Materials

Acids. Alcohols. Oxidizing agents. Aldehydes. Halogenated hydrocarbons. Ketones. Copper. Copper alloys. sodium hypochlorite. Avoid radical-forming starting agents, peroxides and reactive metals.

### 10.6 Hazardous Decomposition Products

Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke. Thermal decomposition can lead to release of irritating gases and vapors. Ammonia. Nitric acid.

## 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>	2,341.00 mg/kg
<b>Dermal LD50</b>	10,495.00 mg/kg mg/l
<b>LC50 (Vapor)</b>	110.00 mg/l

#### Numerical measures of toxicity: Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethylene glycol monobutyl ether 111-76-2	470 mg/kg ( Rat )	= 2000 mg/kg ( Rabbit )	= 450 ppm ( Rat ) 4 h
Sodium Metasilicate 6834-92-0	600 mg/kg ( Rat )	-	-

### 11.2 Information on toxicological effects

#### Skin corrosion/irritation

##### Product Information

- No information available

##### Component Information

- No information available

#### Serious eye damage/eye irritation

##### Product Information

- Causes serious eye damage

##### 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

##### Product Information

- No information available

##### Component Information

- No information available

#### Reproductive toxicity

##### Product Information

- No information available
- Component Information
- No information available

**STOT - single exposure**

No information available

**STOT - repeated exposure**

- May cause adverse liver effects
- Ethylene glycol monobutyl ether (CAS#111-76-2): Laboratory studies on experimental animals indicate that exposure may cause red blood cell damage and damage to the kidney and liver. These effects have not been observed in humans. Laboratory animal studies have reported adverse reproductive and developmental effects from overexposure

**Other adverse effects**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

12.01337 % of the mixture consists of component(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
Ethylene glycol monobutyl ether 111-76-2	-	LC50: 96 h <i>Lepomis macrochirus</i> 1490 mg/L static LC50: 96 h <i>Lepomis macrochirus</i> 2950 mg/L	EC50: 48 h <i>Daphnia magna</i> 1000 mg/L
Sodium Metasilicate 6834-92-0	-	LC50: 96 h <i>Brachydanio rerio</i> 210 mg/L semi-static LC50: 96 h <i>Brachydanio rerio</i> 210 mg/L	-

**12.2 Persistence and degradability**

No information available.

**12.3 Bioaccumulative potential**

Discharge into the environment must be avoided

Chemical Name	log Pow
Ethylene glycol monobutyl ether 111-76-2	0.81

**12.4 Mobility in soil**

No information available.

**12.5 Other adverse effects**

Discharge into the environment must be avoided

## 13. Disposal Considerations

### 13.1 Waste treatment methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

## 14. Transport Information

<b>DOT</b>	Not regulated
<b>MEX</b>	-
<b>IMDG</b>	Not regulated
<b>IATA</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 Chemical Substances/European 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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	SARA 313 - Threshold Values %	Weight-%
Ethylene glycol monobutyl ether 111-76-2	1.0	5 - 10

### 15.3 Pesticide Information

Not applicable

### 15.4 U.S. State Regulations



**California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical Name	California Prop. 65
1,4-DIOXANE - 123-91-1	Carcinogen
Acetaldehyde - 75-07-0	Carcinogen
Ethylene oxide - 75-21-8	Carcinogen Developmental Female Reproductive Male Reproductive

### 16. Other information

<b>NFPA</b>	<b>Health Hazard</b> 3	<b>Flammability</b> 1	<b>Instability</b> 0	<b>Physical and chemical hazards</b> - <b>Personal protection</b> X
<b>HMIS</b>	<b>Health Hazard</b> 3	<b>Flammability</b> 1	<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)

Chronic Hazard Star Legend

Chronic Health Hazard

**Revision Date** 27-Jul-2017

**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**