



# Safety Data Sheet

November 27, 2017

## Surge Industrial™ Foaming Hard Surface Cleaner

### Section 1: Identification of the Substance/Preparation & of the Company

Product Identifier

**Product Name**

**Surge Industrial™ Foaming Hard Surface Cleaner**

Other Means of Identification

**None**

Recommended use of the chemical and restrictions on use

**Recommended Use** Industrial Hard Surface Cleaner – various aerosol applications

**Uses advised against** No information available

Details of the supplier of the safety data sheet

**Supplier Address**

Premalux, LLC  
300 Lena Drive  
Aurora, Ohio 44202

**Supplier Phone #**

1-330-995-4000

Emergency Telephone Number

**Emergency Phone**

For Medical Emergencies contact your local physician

**Numbers**

For Transportation Emergencies, call Chemtrec: 1-800-424-9300

### Section 2: Hazards Identification

Classification

This mixture is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

|                            |               |
|----------------------------|---------------|
| Eye Corrosion / Irritation | Category 2B   |
| Gases Under Pressure       | Liquified Gas |

GHS Label elements, including precautionary statements

**Emergency Overview**

|                               |   |             |
|-------------------------------|---|-------------|
| <b>Signal Word</b>            | <b>Warning</b>  |             |
|                               | <br>Pictograms         |             |
|                               | <b>Hazard Statements</b>  |             |
|                               | <i>H280 - Contains gas under pressure; may explode if heated</i><br><i>H320 – Causes Eye Irritation</i> |             |
| <b>Appearance</b>             | <b>Physical State</b>   | <b>Odor</b> |
| Clear to light yellow / amber | Thin liquid   | Soapy, mild |

Precautionary Statement – Prevention

P210 – Keep away from heat, hot surfaces sparks, open flames and other ignition sources. No smoking.

Precautionary Statements – Response

*P305+351+338* IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

*P337+313* If eye irritation persists get medical advice / attention

*P301+330+331+312* IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a Poison Control Center / doctor if you feel unwell

*P352* Wash with plenty of water after use

Precautionary Statements – Storage

P405 – Store locked up.

P410 & P412 – Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F

Precautionary Statements – Disposal

P501 – Dispose of contents/containers in accordance with federal, state & local regulations.

Hazards not otherwise classified

Not applicable

Unknown Toxicity

0 % of the mixture consists of ingredient(s) of unknown toxicity

Other information

None

Interactions with Other Chemicals

None known

### Section 3: Composition / Information on Ingredients

| Chemical Name   | CAS-No     | Weight %   | Trade Secret |
|---|------------|------------|--------------|
| Liquified Petroleum Gas   | 68476-86-8 | 5.0 – 8.0% | *            |
| Alkyl polyglycol ether C6-C12   | 68439-45-2 | 0.2 – 0.4  | *            |
| Poly (oxy-1,2-ethanediyl) alpha-phophono-omega (Methylphenoxy) dipotassium salt | 66057-30-5 | 0.2 – 0.4  | *            |
| Alkylpolyglycoside C8-C10   | 68515-73-1 | 0.1 – 0.3  | *            |
| Poly(oxy-, 2-ethanediyl), a-undecyl-w-hydroxy-                                  | 34398-01-1 | 0.4 – 0.6  | *            |
| Sodium Lauriminodipropionate  | 14960-06-6 | 0.2 – 0.4  |              |

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

### Section 4: First Aid Measures

#### First Aid Measures

|                       |  |
|-----------------------|--|
| <b>General Advice</b> | Show this safety data sheet to the doctor in attendance  |
| <b>Eye Contact</b>    | Hold eye open & rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.  |
| <b>Skin Contact</b>   | Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.  |
| <b>Inhalation</b>     | Move to fresh air. If breathing is affected, call a doctor.  |
| <b>Ingestion</b>      | Call a poison control center or doctor immediately for treatment advice. Have person sip a glassful of water if able to swallow. DO NOT induce vomiting unless told to do so by a poison control center or doctor. DO NOT give anything by mouth to an unconscious person. |

#### Most important symptoms and effects, both acute and delayed

|  |                                  |
|--|----------------------------------|
| <b>Most important Symptoms/Effects</b> | Mild irritation on eyes and skin |
|--|----------------------------------|

#### Indication of any immediate medical attention and special treatment needed

|                           |                       |
|---------------------------|-----------------------|
| <b>Notes to Physician</b> | Treat symptomatically |
|---------------------------|-----------------------|

## Section 5: Fire Fighting Measures

### Suitable Extinguishing Media

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

### Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient. Dry chemical, carbon dioxide or foam is recommended.

### Specific Hazards Arising from the Chemical

At elevated temperatures (over 130°F) aerosol containers may burst, vent or rupture; use equipment or shielding to protect personnel. Cooling exposed containers with streams of water may be helpful.

### Explosion Data

**Sensitivity to Mechanical Impact** Yes

**Sensitivity to Static Discharge** Yes

**Flash Point** Liquid portion does not burn

### Protective Equipment & Precautions for Firefighters

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

## Section 6: Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Avoid contact with eyes & skin

**Other Information** Refer to protective measures in Sections 7 and 8

### Environmental Precautions

**Environmental Precautions** See section 12 for additional ecological information

### Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Care must be taken if spilled on surfaces as they may become extremely slippery. Use diking, non-flammable diking or absorbent. Clean up by vacuuming or sweeping.

**Methods for Cleaning Up** Contain liquid, absorb & containerize. Wash residual to sanitary sewer.

## Section 7: Handling and Storage

### Precautions for safe handling

**Handling** Handle in accordance with good industrial hygiene and safety practices. Avoid contact with eyes, skin and clothing. Use with adequate ventilation and keep containers closed when not in use. Do not eat, drink, or smoke when using this product. Wash hands after handling.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers sealed below 120°F in a dry, well-ventilated space away from heat or direct sunlight.

**Incompatible Products** None known.

## Section 8: Exposure Control/ Personal Protection

### Control Parameters

### **Exposure Guidelines**

| Chemical Name  | ACGIH TLV | OSHA (PEL) | NIOSH IDLH |
|--|-----------|------------|------------|
| Liquified Petroleum Gas  | 1000 ppm  | 1000 ppm   | 1000 ppm   |
| Alkyl polyglycol ether C6-C12  | None      | None       | None       |
| Poly (oxy-1,2-ethanediyl) alpha-phosphono-omega (Methylphenoxy) dipotassium salt | None      | None       | None       |
| Alkylpolyglycoside C8-C10  | None      | None       | None       |
| Poly(oxy-, 2-ethanediyl), a-undecyl-w-hydroxy-                                   | None      | None       | None       |
| Sodium Lauriminodipropionate   | None      | None       | None       |

*ACGIH TLV: American Conference of Governmental Industrial Hygienists – Threshold Limit Value. OSHA PEL: Occupation Safety & Health Administration – Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.*

### Appropriate Engineering Controls

**Engineering Measures** Showers, Eyewash Stations, Ventilation Systems

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

**Eye/Face Protection** If splashes are likely to occur, wear safety glasses with side-shields. None required for consumer use.

**Skin/Body Protection** No special protective equipment required

**Respiratory Protection** Use adequate ventilation to maintain exposure limits. If irritation is experienced or exposure limits cannot be maintained, use approved respiratory protection in accordance with local regulations.

**Hygiene Measures** Remove and wash contaminated clothing before re-use. Avoid contact with skin, eyes or clothing. Do not eat, drink, or smoke when using this product.

**Discretion Advised** We take no responsibility for determining what measures are required for person protection in any specific application. The general information should be used with discretion.

## Section 9: Physical and Chemical Properties

### Physical and Chemical Properties

|                       |                                  |                       |                          |
|-----------------------|----------------------------------|-----------------------|--------------------------|
| <b>Physical State</b> | Thin liquid                      |                       |                          |
| <b>Appearance</b>     | Clear mist as dispensed from can | <b>Odor</b>           | Soapy, Mild              |
| <b>Color</b>          | Light yellow, light amber        | <b>Odor Threshold</b> | No information available |

| <u>Property</u>                        | <u>Values</u>      | <u>Remarks / Method</u> |
|--|--------------------|-------------------------|
| pH                                     | 7.2 – 7.6          | None known              |
| Melting / Freezing Point               | Freeze 32°F / 0°C  | None known              |
| Boiling Point / Range                  | 212°F / 100°C      | None known              |
| Flash Point                            | No data available  | None known              |
| Evaporation Rate                       | slower             | Butyl acetate std.      |
| Flammability (solid, gas)              | No data available  | None known              |
| Flammability Limits in Air             | No data available  | None known              |
| Upper Flammability Limit               | No data available  | None known              |
| Lower Flammability Limit               | No data available  | None known              |
| Vapor Pressure                         | No data available  | None known              |
| Vapor Density                          | No data available  | None known              |
| Specific Gravity                       | ~ 1.01             | None known              |
| Water Solubility                       | Completely soluble | None known              |
| Solubility in other solvents           | No data available  | None known              |
| Partition coefficient: n-octanol/water | No data available  | None known              |
| Autoignition Temperature               | No data available  | None known              |
| Decomposition Temperature              | No data available  | None known              |
| Kinematic Viscosity                    | No data available  | None known              |
| Dynamic Viscosity                      | No data available  | None known              |
| Explosive Properties                   | Not Explosive      |                         |
| Oxidizing Properties                   | No data available  |                         |
| <br><b><u>Other Information</u></b>    |                    |                         |
| Softening Point                        | No data available  |                         |
| Particle Size                          | No data available  |                         |
| Particle Size Distribution             | No data available  |                         |

## Section 10: Stability and Reactivity

### Reactivity

No data available.

### Chemical Stability

Liquid product remains stable in all conditions – most stable under recommended storage conditions

### Possibility of Hazardous Reactions

None under normal processing

Conditions to avoid

Heat, spark &amp; open flame.

Incompatible materials

Water-based product. Strong oxidizers, strong caustics, strong acids

Hazardous Decomposition Products

Combustion will produce carbon monoxide, carbon dioxide and hydrocarbons.

**Section 11: Toxicological Information**Information on likely routes of exposure**Product Information**

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Exposure to vapor or mist may irritate respiratory tract.  |
| <b>Eye Contact</b>  | May cause eye irritation.  |
| <b>Skin Contact</b> | Prolonged contact may cause irritation.  |
| <b>Ingestion</b>    | Ingestion may cause irritation to mucous membranes and gastrointestinal irritation, nausea, vomiting and diarrhea. |

Information on toxicological effects**Symptoms** May cause redness and tearing of the eyes and skin redness.Delayed and immediate effects as well as chronic effects from short and long-term exposure

|                                 |   |
|---------------------------------|---|
| <b>Sensitization</b>            | No information available  |
| <b>Mutagenic Effects</b>        | No information available  |
| <b>Carcinogenicity</b>          | Contains no ingredients listed as a carcinogen according to NTP, IARC or OSHA |
| <b>Reproductive Toxicity</b>    | No information available  |
| <b>STOT – single exposure</b>   | No information available  |
| <b>STOT – repeated exposure</b> | No information available  |
| <b>Chronic Toxicity</b>         | No known effect   |
| <b>Target Organ Effects</b>     | Respiratory system, eyes, skin, gastrointestinal tract (GI)                   |
| <b>Aspiration Hazard</b>        | No information available  |

Numerical measures of toxicity Product Information**The following values are calculated based on chapter 3.1 of the GHS document** Not applicable

## Section 12: Ecological Information

### Ecotoxicity

No information available

### Persistence and Degradability

Solution is environmentally metabolized within 30 days – OECD301B

### Bioaccumulation

No information available

### Other Adverse Effects

No information available

## Section 13: Disposal Considerations

### Disposal Methods

Do not puncture or burn containers. Give empty, leaking, or full containers to disposal service equipped to handle and dispose of aerosol (pressurized) containers. Dispose of spilled material in accordance with state and local regulations for waste that is non-hazardous by Federal definition. Note that this information applies to the material as manufactured; processing, use, or contamination may make this information inappropriate, inaccurate, or incomplete.

### Contaminated Packaging

Do not reuse containers. Dispose of in accordance with all applicable federal, state and local regulations.

## Section 14: Transport Information

Class 55 – 80 Non-Hazardous Product depending on package

### DOT

Aerosols (limited quantity). Class 2.1, ERG 126  
Consumer Commodity Hazard Class: ORM-D

### Marine Transport (IMDG/IMO)

Aerosols (limited quantity). Class 2.1, UN No. 1950

### IATA (Air)

Aerosols (limited quantity). Class 2.1, ERG 126,  
UN No. 1950

## Section 15: Regulatory Information

### Chemical Inventories

**TSCA** All components of this product are either on the TSCA 8(b) Inventory or are otherwise exempt from listing.

**DSL/NDSL** All components are on the DSL or NDSL.

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL – Canadian Domestic Substances List / Non-Domestic Substances List

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 of Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312**

|  |            |
|--|------------|
| <b>Acute Health Hazard</b>               | <b>Yes</b> |
| <b>Chronic Health Hazard</b>             | No         |
| <b>Fire Hazard</b>                       | <b>Yes</b> |
| <b>Sudden Release of Pressure Hazard</b> | <b>Yes</b> |
| <b>Reactive Hazard</b>                   | No         |

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or SARA (40 CFR 355). There may be specific reporting requirements at the local, regional or state level pertaining to releases of this material.

U.S. State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|---------------|------------|---------------|--------------|--------------|----------|
| none          |            |               |              |              |          |

International Regulations**Canada**

**WHMIS Hazard Class – A**

---

---

**Section 16: Other Information**

---

**HMIS CODES:** Health Hazard - 1  
Flammability – 2  
Reactivity - 0  
Personal Protection - X

**DATE PREPARED:** 05/29/2015

**NAME OF PREPARER:** DH

**REVISION DATE:** 11/27/2017

**REVISION NOTE:**

8/12/16 - GHS Compliant – available data added

11/27/17 - updated Eye Corrosion / Irritation from Classification 2 to 2B

**General Disclaimer**

**CAUTION:** Intentional misuse of this chemical product, as with any industrial chemical in contact with the body, can be harmful or fatal. This includes such things as deliberately breathing , placing in mouth, swallowing, placing on skin, or any other contact, or repeated or continuous contact.

Premalux, LLC provides this information in good faith, but makes no representation as to its comprehensiveness or its accuracy. This document is offered as a guide to a trained person for appropriate precautionary handling. Persons using the product and receiving the information must exercise independent judgment in determining the appropriateness of the use and safety information for their particular purpose.

**PREMALUX, LLC MAKES NO REPRESENTATIONS WRITTEN OR WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THIS INFORMATION OR TO THE PRODUCT. ACCORDINGLY PREMALUX WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE ON THIS INFORMATION.**

---

---

End of Safety Data Sheet