



# Safety Data Sheet

May 4, 2015

## Surge Industrial™ Hard Surface Cleaner

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

Product Identifier

**Product Name**

**Surge Industrial™ Hard Surface Cleaner**

Other Means of Identification

**None**

Recommended use of the chemical and restrictions on use

**Recommended Use** Industrial Hard Surface Cleaner – various 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 2
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GHS Label elements, including precautionary statements

**Emergency Overview**

<b>Signal Word</b>	<b>Caution</b>		
<b>Hazard Statements</b> Eye Irritant	No Pictogram Required		
<b>Appearance</b> Clear to light yellow / amber	<b>Physical State</b> Thin liquid	<b>Odor</b>	Soapy, mild

Precautionary Statement – Prevention

None

Precautionary Statements – Response

If eye contact occurs, rinse eyes with water for 5 minutes – remove contact lenses if present – and rinse eyes for 15 more minutes. If eye irritation persists, seek medical help.

Precautionary Statements – Storage

None

Precautionary Statements – Disposal

None

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
Alkyl polyglycol ether C6-C12	68439-45-2	0.2 – 0.4	
Laurylmyristyl polyglycol ether w/ EO & PO	68439-51-0	1.0 – 1.5	*
Alkylpolyglycoside C8-C10	68515-73-1	0.6 – 0.9	*
Poly(oxy-, 2-ethanediyl), a-undecyl-w-hydroxy-	34398-01-1	1.0 - 1.4	*
Sodium Lauriminodipropionate	14960-06-6	0.5 – 0.9	*

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

<b>Notes to Physician</b>	Treat symptomatically
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## 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.

### Specific Hazards Arising from the Chemical

No information available

### Explosion Data

**Sensitivity to Mechanical Impact**      None

**Sensitivity to Static Discharge**      None

**Flash Point** Will NOT burn. Will NOT support flame.  
Water-based product.

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.

**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. Do not eat, drink, or smoke when using this product. Wash hands after handling.

Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a cool, dry and well-ventilated space.

**Incompatible Products** None known.

## Section 8: Exposure Control/ Personal Protection

### Control Parameters

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Alkyl polyglycol ether C6-C12	None	None	None
Laurylmyristyl polyglycol ether w/ EO & PO	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** If irritation is experienced, approved respiratory protection should be worn 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.

## Section 9: Physical and Chemical Properties

### Physical and Chemical Properties

<b>Physical State</b>	Thin liquid	<b>Odor</b>	Soapy, Mild
<b>Appearance</b>	Clear	<b>Odor Threshold</b>	No information available
<b>Color</b>	Light yellow, light amber		

<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

<b>Specific Gravity</b>	~ 1.01	None known
<b>Water Solubility</b>	Completely soluble	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition Temperature</b>	No data available	None known
<b>Decomposition Temperature</b>	No data available	None known
<b>Kinematic Viscosity</b>	No data available	None known
<b>Dynamic Viscosity</b>	No data available	None known
<b>Explosive Properties</b>	Not Explosive	
<b>Oxidizing Properties</b>	No data available	

**Other Information**

<b>Softening Point</b>	No data available
<b>VOC Content (%)</b>	No data available
<b>Particle Size</b>	No data available
<b>Particle Size Distribution</b>	No data available

**Section 10: Stability and Reactivity**

Reactivity

No data available.

Chemical Stability

Product remains stable in all conditions – most stable under recommended storage conditions

Possibility of Hazardous Reactions

None under normal processing

Conditions to avoid

None known

Incompatible materials

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

Hazardous Decomposition Products

None. Solids will concentrate up if boiled.

**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.

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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

**Sensitization** No information available

**Mutagenic Effects** No information available

**Carcinogenicity** Contains no ingredients listed as a carcinogen according to NTP, IARC or OSHA

**Reproductive Toxicity** No information available

**STOT – single exposure** No information available

**STOT – repeated exposure** No information available

**Chronic Toxicity** No known effect

**Target Organ Effects** Respiratory system, eyes, skin, gastrointestinal tract (GI)

**Aspiration Hazard** 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

This product is considered safe and is residential sewer-able. Dispose of in accordance with all applicable federal, state and local regulations.

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

<b><u>DOT</u></b>	Not regulated
<b><u>TDG</u></b>	Not regulated
<b><u>ICAO</u></b>	Not regulated
<b><u>IATA</u></b>	Not regulated
<b><u>IMDG/IMO</u></b>	Not regulated

## 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>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<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.



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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 – None**

**Section 16: Other Information**

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

**DATE PREPARED:** 05/07/2015

**NAME OF PREPARER:** DH

**REVISION DATE:** New

**REVISION NOTE:** New

**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.

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