



Safety Data Sheet

May 29, 2015

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 2
Gases Under Pressure	Liquified Gas

GHS Label elements, including precautionary statements

Emergency Overview

Signal Word	Warning		
	 Pictograms		
	Hazard Statements		
	H280 Contains gas under pressure; may explode if heated		
	Eye Irritant		
Appearance	Clear to light yellow / amber	Physical State	Thin liquid
		Odor	Soapy, mild

Precautionary Statement – Prevention

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

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

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 local/regional 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	1.0 – 8.0%	*
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

General Advice	Show this safety data sheet to the doctor in attendance
Eye Contact	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.
Skin Contact	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.
Inhalation	Move to fresh air. If breathing is affected, call a doctor.
Ingestion	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

Most important Symptoms/Effects	Mild irritation on eyes and skin
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	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. 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
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 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

Physical State	Thin liquid	Odor	Soapy, Mild
Appearance	Clear mist as dispensed from can	Odor Threshold	No information available
Color	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
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	
 Other Information		
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 & 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 InformationInformation on likely routes of exposure**Product Information**

Inhalation	Exposure to vapor or mist may irritate respiratory tract.
Eye Contact	May cause eye irritation.
Skin Contact	Prolonged contact may cause irritation.
Ingestion	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

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

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

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden Release of Pressure Hazard	Yes
Reactive Hazard	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: 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.

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.

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End of Safety Data Sheet