



January 1, 2023

# Safety Data Sheet

## Surge Industrial Extreme Gel

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

Product Identifier

**Product Name** Surge Industrial Extreme Gel

Other Means of Identification

None

Recommended use of the chemical and restrictions on use

**Recommended Use** Industrial Hard Surface Cleaner & Degreaser  
Concentrate to RTU – various applications after dilution

**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 Numbers** For Medical Emergencies contact your local physician  
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
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GHS Label elements, including precautionary statements

#### Emergency Overview

<b>Signal Word</b>	<b>Warning</b>	
<b>Hazard Statements</b>	No Pictogram Required	
H320 - Causes eye irritation		
<b>Appearance</b>	<b>Physical State</b>	<b>Odor</b>
Milky White	Liquid Gel	Soapy / Mild

Precautionary Statement – Prevention

P262 Do not get in eyes

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

None

Precautionary Statements – Disposal

P501 Dispose of contents and containers in accordance with all applicable federal, state and 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 %	RTU Weight %	Trade Secret
Alkyl polyglycol ether C6-C12	68439-45-2	0.2 – 0.7	0.05 – 0.2	*
Poly (oxy-1,2-ethanediyl) alpha-phosphono-omega (Methylphenoxy) dipotassium salt	66057-30-5	1.0 – 1.5	0.1 – 0.3	*
Alkylpolyglycoside C8-C10	68515-73-1	1.0 – 1.5	0.1 – 0.3	*
Poly(oxy-, 2-ethanediyl), a-undecyl-w-hydroxy-	34398-01-1	2.0 – 2.5	0.3 – 0.5	*
Xanthan Gum	11138-66-2	0.2 – 0.4	0.2 – 0.4	
Sodium Lauriminodipropionate	14960-06-6	0.5 – 1.0	0.1 – 0.3	*

\*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. If irritation persists, call a poison control center or doctor for treatment advice.
<b>Skin Contact</b>	Not expected to cause skin irritation. Rinse skin immediately with plenty of water. If irritation persists, 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>	Rinse mouth and 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. Call a poison control center or doctor if you feel unwell.

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

<b>Most important Symptoms/Effects</b>	Mild irritation on eyes.
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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
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 or splash-proof goggles. None required for general end-user applications.

**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>	Liquid Gel	<b>Odor</b>	Soapy, Mild
<b>Appearance</b>	Partially Opaque	<b>Odor Threshold</b>	No information available
<b>Color</b>	Milky white		

<u>Property</u>	<u>Values</u>	<u>Remarks / Method</u>
pH	7.4 – 7.6	
Melting / Freezing Point	Freeze 32°F / 0°C	
Boiling Point / Range	212°F / 100°C	
Flash Point	No data available	Water-based product
Evaporation Rate	slower	Butyl acetate std.
Flammability (solid, gas)	No data available	
Flammability Limits in Air	No data available	Water-based product
Upper Flammability Limit	No data available	
Lower Flammability Limit	No data available	
Vapor Pressure	No data available	Water-based product

<b>Vapor Density</b>	No data available	None known
<b>Specific Gravity</b>	~ 1.02 +/- 0.1	None known
<b>Water Solubility</b>	Completely soluble – 100%	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	Water-based product
<b>Decomposition Temperature</b>	No data available	None known
<b>Kinematic Viscosity</b>	As water	None known
<b>Dynamic Viscosity</b>	As water	None known
<b>Explosive Properties</b>	Not Explosive	
<b>Oxidizing Properties</b>	None	Water-based product
<b><u>Other Information</u></b>		
<b>Softening Point</b>	No data available	
<b>VOC Content (%)</b>	Below 0.02%	VOC emulsifier in two raw materials
<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**

**Inhalation** Exposure to vapor or mist may irritate respiratory tract.

**Eye Contact** *Moderately irritating - Draize Method (data)*  
Causes moderate eye irritation.

**Skin Contact** *Acute dermal toxicity: LD50 > 2000 mg/kg (data)*

Prolonged contact may cause irritation / defatting of skin.

**Ingestion** *Acute oral toxicity: Oral LD 50 > 2000 mg/kg body weight (data)*  
 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 dryness / 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 - Acute Toxicity –

<i>Green algae</i>	<i>EC50 72 hr</i>	<i>190 mg/liter (data)</i>
<i>Daphnia</i>	<i>EC50 48 hr</i>	<i>90 mg/liter (data)</i>
<i>Fathead Minnow</i>	<i>LC50 96 hr</i>	<i>90 mg/liter (data)</i>

Persistence and Degradability

Solution is environmentally metabolized within 30 days. All organic substances contained in the product achieve > 60% BOD/COD or CO2 liberation in tests for ease of degradability – OECD method 301B

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 – all containers are recyclable. Dispose of in accordance with all applicable federal, state and local regulations.

## Section 14: Transport Information

Class 55 Non-Hazardous Product

<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.

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:** 08/07/2018

**NAME OF PREPARER:** DH

**REVISION DATE:** 01/01/2023

**REVISION NOTE:** No changes - Annual update

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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