



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

1.1 Product Identifier:

Trade Name: Lauryl glucoside
Generic chemical name: Non-ionic surfactant in water
INCI Name: Lauryl glucoside

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Product Use: Personal Care Applications

1.3 Details of the Supplier of the Safety Data Sheet:

Supplier: SEELER INDUSTRIES, INC.
1 Genstar Drive
Joliet, IL 60435
(815) 740-2640
E-mail: vcasalino@seeler.com

1.4 Emergency Telephone Number:

Emergency Spill Information (800) 222-1222 (National Poison Control Center)

**24-HOUR EMERGENCY
TELEPHONE NUMBER:** CHEMTREC (800) 424-9300

SDS Date of Preparation: May 8, 2015

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]:

Physical:	Health:	Environmental
Not Hazardous	Eye Damage Category 1	Not Hazardous

Classification according to Directive 1999/45/EC [DPD]:

Irritant (Xi), R41

2.2 Label Elements: *Labeling according to Regulation (EC) No 1272/2008 [CLP]*



Danger!

Hazard Statement:

H318 Causes serious eye damage

Precautionary Statement:

P264 Wash thoroughly after handling.

P280 Wear eye protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor.

2.3 Other Hazards: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	EINECS#	DSD Classification (67/548/EEC)	CLP/GHS Classification (EC) No 1272/2008	%
Lauryl Glucoside	110615-47-9	600-975-8	Xi R41, R38	Eye Dam. 1 (H318); Skin Irrit. 2 (H315)	48-52
Non-hazardous Ingredients	None	None	Not classified	Not classified	48-52

The exact concentrations are a trade secret.

Additional information: For full text of H-statements and R-phrases: see SECTION 16

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures:

Eye Contact: Immediately flush eyes with plenty of water for at least 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.

Skin Contact: Wash exposed skin with soap and water. If irritation develops or persists, get medical attention.

Inhalation: If symptoms of exposure develop, remove to fresh air. Seek medical attention if breathing problems or irritation persist.

Ingestion: Rinse mouth thoroughly with water. Seek medical attention if large amounts ingested.

4.2 Most Important symptoms and effects, both acute and delayed:

Causes severe eye irritation and possible eye damage. May causes mild skin irritation. Inhalation may cause respiratory irritation.

4.3 Indication of any immediate medical attention and special treatment needed:

Immediate medical treatment is required for eye contact.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Suitable Extinguishing Media: Use water, foam, carbon dioxide, or dry chemical to extinguish fires.

5.2 Special Hazards Arising from the Substance or Mixture:

Unusual Fire and Explosion Hazards: This product is not classified as flammable or combustible. Burning may produce oxides of carbon.

Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.

5.3 Advice for Fire-Fighters:

Special Fire Fighting Procedures: Firefighters should wear self-contained breathing apparatus and full protective clothing. In the event of fire, cool containers with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Keep unnecessary personnel away. Wear adequate personal protective clothing and equipment.

6.2 Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Should not be released into the environment.

6.3 Methods and Material for Containment and Cleaning Up:

Stop flow of material, if this is without risk. Dike far ahead of liquid spill for later disposal. Soak up with inert material and place in suitable containers for disposal.

6.4 Reference to Other Sections:

Refer to Section 8 for protective equipment and Section 13 for disposal considerations

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Prevent contact with the eyes. Avoid contact with skin. Use in accordance with good industrial hygiene practices.

Empty containers retain product residues. Follow all SDS precautions in handling empty containers.

7.2 Conditions for Safe Storage, Including any Incompatibilities:

Store closed up in original container. Store in a dry well ventilated area away from strong acids, and oxidizers. Follow storage instructions on the product label.

7.3 Specific end use(s): Personal Care Applications

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Chemical Name	8.1.1 Occupational Exposure Limits:	8.1.2 Additional exposure limits under the conditions of use:	8.1.3 DNEL/DMEL and PNEC-Values:
Lauryl Glucoside	None Established	None Established	Not Determined
Non-hazardous Ingredients	None Established	None Established	Not Determined

Refer to local or national authority for exposure limits not listed above.

8.2 Exposure Controls:

8.2.1 Appropriate Engineering Controls:

Use with adequate local exhaust ventilation to maintain exposure levels below excessive concentrations.

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection: Wear chemical goggles.

Hand Protection: Wear impervious gloves.

Body Protection: Impervious clothing as needed to avoid skin contact.

Respiratory Protection: None needed with adequate ventilation. If the exposure is excessive, use an approved respirator. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 or other applicable regulations and good Industrial Hygiene practice.

Thermal Hazards: None Expected

Other: None.

8.2.3 Environmental Exposure Controls: Not determined.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties:

Appearance: Light yellowish or translucent

Form: Liquid

Odor: Not determined

Odor Threshold: Not determined

pH: 11.0 - 12.5 (In 10% water solution)

Melting Point / freezing point: 46.4° F (8° C)

Boiling Point: > 212° F (> 100° C)

Flash Point (COC): Not applicable

Evaporation Rate: Not determined

Flammability (solid, gas): Not applicable

Upper/lower flammability or explosive limits:
Not determined

Vapor Pressure: Not determined

Vapor Density: Not determined

Specific Gravity: 1.03 – 1.04

Water Solubility: Fully miscible

Partition coefficient: n-octanol/water:
Not determined

Auto-ignition Temperature: Not determined

Decomposition Temperature: Not determined

Viscosity (cP): Not determined

Explosion Properties: Not determined

Oxidizing Properties: None

9.2 Other Information: None

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: Non-reactive

10.2 Chemical Stability: Stable

10.3 Possibility of Hazardous Reactions: Will not occur.

10.4 Conditions to Avoid: None.

10.5 Incompatible Materials: Store away from strong acids, and oxidizers.

10.6 Hazardous Decomposition Products: Oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Acute Health Hazards:

Inhalation: Inhalation of mists may cause mild respiratory irritation.

Eye Contact: Contact causes severe irritation with possible eye damage.

Skin Contact: Skin irritation patch test: Negative.

Ingestion: Swallowing may cause gastrointestinal upset.

Sensitization: No data available for mixture. None of the components are respiratory or skin sensitizers.

Chronic Effects: None expected.

Carcinogenicity: No data available for mixture. None of the components of this product are listed as carcinogens by OSHA, IARC, NTP, or the EU CLP.

Germ Cell Mutagenicity: No data available for mixture. None of the components are germ cell mutagens.

Toxicity for reproduction: No data available for mixture. None of the components of this product are listed as a reproductive toxin.

Acute toxicity:

Product: LD50 Oral Rat >2,000 mg/kg

Non-Hazardous ingredients : Not acutely toxic

Lauryl Glucoside: LD50 Oral Rat >2,000 mg/kg

LD50 Rabbitt 2000 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

Product: LC50 Carp 300 mg /L/24 hr.

Lauryl Glucoside: LC50 Danio rerio (Zebrafish) 2.95 mg/L/96 hr.

EC50: Daphnia Magna: 7 mg/L/48 hr.

12.2 Persistence and Degradability:

Product: >70% COD reduction; COD 1210 mg /g
Lauryl Glucoside: Readily biodegradable.

12.3 Bioaccumulative Potential: No data available for product.

12.4 Mobility in Soil: No data available for product.

12.5 Results of PBT and vPvB Assessment: No data available for product.

12.6 Other Adverse Effects: None

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste Treatment Methods:**

Dispose in accordance with local, state and national regulations.

SECTION 14: TRANSPORT INFORMATION

	US DOT	EU land transport (ADR/RID/ADN)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
14.1 UN Number	Not regulated for transportation	Not regulated for transportation	Not regulated for transportation	Not regulated for transportation
14.2 UN Proper Shipping Name	N/a	N/a	N/a	N/a
14.3 Transport Hazard Class(s)	N/a	N/a	N/a	N/a
14.4 Packing Group	N/a	N/a	N/a	N/a
14.5 Environmental Hazards	N/a	N/a	N/a	N/a
14.6 Special Precautions for user	N/a	N/a	N/a	N/a
14.7 Transport in bulk	N/a	N/a	N/a	N/a

according to Annex II of MARPOL 73/78 and the IBC Code				
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SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:

International Inventories:

EU EINECS/ELINCS/NLP:	All of the components are listed
Canada DSL/NDSL:	All of the components are listed
US TSCA	All of the components are listed
Korea KECI:	All of the components are listed
China IECS:	All of the components are listed
Japan ENCS:	All of the components are listed
Philippine PICCS:	All of the components are listed
Australia AICS:	All of the components are listed

U.S. Regulations:

EPA SARA 302: This product does not contain chemicals regulated under SARA Section 302.

CERCLA Section 103: This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills as required under federal, state and local regulations.

EPA SARA 311 Hazard Classification: Acute Health

EPA SARA 313: This product contains the following chemicals that are regulated under SARA Title III, section 313: None.

California Proposition 65: This product contains the following chemicals which are known to the State of California to cause cancer, reproductive toxicity or birth defects (developmental toxicity): Unknown.

15.2 Chemical Safety Assessment: Not required for mixtures

SECTION 16: OTHER INFORMATION

16.1 Indication of Changes

Version 4 created on 05/08/2015 - Revising International Registrations section

Version 3 created on 04/18/2015 – Update to GHS

Version 2 created on 01/31/2014 – Revision

Version 1 created on 03/13/2007

16.2 List of Relevant phrases (number and full text):

EU Classes and Risk Phrases for Reference (See Sections 2 and 3)

Xi – Irritant.

R38 – Causes skin irritation.

R41 – Risk of serious damage to eyes

CLP/GHS Classification and H Phrases for Reference (See Section 3)

Eye Dam. 1 – Eye Damage Category 1

Skin Irrit. 2 – Skin Irritation Category 2

H315 - Causes skin irritation.

H318 - Causes serious eye damage

16.3 Legal Disclaimer

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