

SAFETY DATA SHEET

Linapon AG 818



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

1.1 Product Identifier

Trade Name: Linapon AG 818
Generic chemical name: Nonionic surfactant in water
INCI Name: Coco glucoside

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

Product Use: Cosmetic Ingredient, mild surfactant, foaming agent

1.3 Details of the Supplier of the Safety Data Sheet:

Supplier: Lincoln Fine Ingredients
50 Industrial Circle
Lincoln, RI 02865
Information Phone Number: (401) 722-2410
E-mail: CustomerService@LincolnFineIngredients.com

1.4 Emergency Telephone Number:

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

SDS Date of Preparation: April 18, 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 Skin Irritation Category 2	Not Hazardous

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

Irritant (Xi), R38, R41

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

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Danger!

Hazard Statement:

H318 Causes serious eye damage

H315 Causes skin irritation.

Precautionary Statement:

P264 Wash thoroughly after handling.

P280 Wear eye protection and protective gloves.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P332 + P313 If skin irritation occurs: Get medical attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

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	%
Alkylpolyglucoside C8-16	141464-42-8	604-232-9	Xi R41, R38	Eye Dam. 1 (H318); Skin Irrit. 2 (H315)	48 - 52
Non-hazardous Ingredients	None	None	Not classified	Not classified	48 - 52

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

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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. Causes 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 spray, 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 but may burn under fire conditions. 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.

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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): cosmetic Ingredient

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:
Alkylpolyglucoside C8-16	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.

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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: Yellow liquid.

Form: Liquid

Odor: Slight intrinsic.

Odor Threshold: Not determined

pH: 12 In 20% solution.

Melting Point / freezing point: Not determined

Boiling Point: > 212° F (> 100° C)

Flash Point (COC): > 212° F (> 100° C) PM

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: 1.1

Water Solubility: Complete.

Soluble in all proportions

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

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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.

Severely irritating - Method: OECD 405

Skin Contact: Causes skin irritation. Irritating - Method: OECD 404

Ingestion: Swallowing may cause gastrointestinal damage.

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: Not mutagenic.

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

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SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

Product:

LC50 Fish >10 - <= 100 mg /L. Method: ISO 7346/2 (semi-static).

EC0 > 100 /L. Method: Chronic bacterial toxicity according to test method DIN 38 412 p. 8.

12.2 Persistence and Degradability:

Product: Readily and rapidly degradable. All organic substances contained in the product achieve > 60% BOD/COD of CO2 liberation, or > 70% DOC reduction in tests for ease of degradability. Threshold values for "readily degradable" (e.g. to OECD method 301) are reached.

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	N/a	N/a	N/a	N/a

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Transport Hazard Class(s)				
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 according to Annex II of MARPOL 73/78 and the IBC Code	N/a	N/a	N/a	N/a

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 the components are listed
Canada DSL/NDSL:	All the components are listed
US TSCA	Not listed as CAS# 141464-42-8 , but 100% of the components of this product are listed as 68515-73-1 and 110615-47-9

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.

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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): None

15.2 Chemical Safety Assessment: Not required for mixtures

SECTION 16: OTHER INFORMATION

16.1 Indication of Changes

Version 4 created on 05/07/2015 - Revising TSCA statement

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

Version 2 created on 01/29/2014

Version 1 created on 08/18/2009

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 – Irritating to Skin.

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 Disclaimer

The information contained herein is based on current knowledge, experience and from tests performed in a controlled environment. No responsibility is accepted that the information is sufficient, complete or correct in all cases. Users should consider the data only as a supplement to other information. Product specifications should be verified by users prior to usage. Users should make independent determination of suitability and completeness of information from all sources to assure proper use of this product and the safety of User's customers. Users should be aware that results may vary depending on use. 1-11-16 NP
