

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

1.1 Product Identifier:

Trade Name: Surfacare COCO
Generic chemical name: Mixture
INCI Name: Sodium Coco-Sulfate (and) Coco-Glucoside (and) Cocamidopropyl Hydroxysultaine

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

Product Use: Foaming agent, Personal Care, Home Care, and I&I.

1.3 Details of the Supplier of the Safety Data Sheet:

Manufacturer: TRI-K INDUSTRIES, INC.
 2 Stewart Court
 Denville, NJ 07834
Information Phone Number: (973) 298-8850
E-mail: info@tri-k.com

1.4 Emergency Telephone Number:

Emergency Spill Information (973) 298-8850 (TRI-K Industries, Inc.)
 (800) 222-1222 (National Poison Control Center)
24-HOUR EMERGENCY TELEPHONE NUMBER: CHEMTREC (800) 424-9300

SDS Date of Preparation: May 01, 2017

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 Specific Target Organ Toxicity – Single Exposure Category 3	Aquatic Chronic Toxicity Category 3

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]



Danger!

Hazard Statement:

H315 Causes skin irritation

H318 Causes serious eye damage

H335 May cause respiratory irritation

H412 Harmful to aquatic life with long lasting effects

Precautionary Statement:

P261 Avoid breathing mist or vapor.

P271 Use only outdoors or in a well-ventilated area.

P264 Wash thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves and 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.

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

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

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

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTER or doctor if you feel unwell.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents in accordance with local, regional and national regulations.

2.3 Other Hazards: None

TRI-K Industries, Inc.

2 Stewart Court

Denville, NJ 07834

t (973) 298-8850 f (973) 298-8940

info@tri-k.com • www.tri-k.com

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	EINECS#	DSD Classification (67/548/EEC)	CLP/GHS Classification (EC) No 1272/2008	%
Sodium Coco-Sulfate	68955-19-1	273-257-1	Xi R37/38, R41	Skin Irrit 2 (H315), Eye Dam 1 (H318), STOT SE 3 (H335) Aq acute 3 (H402), Aq chrnc 3 (H412)	20-30
Coco Glucoside	141464-42-8	604-232-9	Xi R38, R41	Skin Irrit 2 (H315), Eye Dam 1 (H318)	5-15
Cocamidopropyl Hydroxysultaine	68139-30-0	268-761-3	Xi R36	Eye Irrit 2 (H319)	1-10

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 15 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 for several minutes. 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 burns. May cause 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 will burn under fire conditions.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon, nitrogen and sulfur.
- 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. Ventilate the area. Do not touch or walk through spilled material.
- 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 eyes. Avoid contact with skin and clothing. Avoid breathing mist or vapor. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

Container hazardous when empty. Since empty containers retain product residues, all hazard precautions described on this SDS must be observed

7.2 Conditions for Safe Storage, Including any Incompatibilities:

Store closed up in original container. Store away from strong acids, bases, and oxidizers.

7.3 Specific end use(s):

Cosmetic cream and lotion 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:
Sodium Coco-Sulfate	None Established	None Established	Not Determined
Coco-Glucoside	None Established	None Established	Not Determined
Cocamidopropyl Hydroxysultaine	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 the occupational exposure limits.

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection: Wear chemical goggles.

Hand Protection: Impervious gloves recommended.

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

Respiratory Protection: None needed with adequate ventilation. If the occupational exposure is excessive, use an approved respirator. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with 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: Pale, amber, viscous liquid

Vapor Pressure: Not determined

Form: Liquid

Vapor Density: Not determined

Odor: Mild Odor

Specific Gravity: 1.07334

Odor Threshold: Not determined

Water Solubility: Complete, soluble in all proportions

pH: 6.0 - 7.5

Partition coefficient: n-octanol/water:
Not determined

Melting Point / freezing point: Not determined

Auto-ignition Temperature: Not determined

Boiling Point: Not determined

Decomposition Temperature: Not determined

Flash Point (COC): > 200° F (> 93.3° C).

Viscosity (cP): Not determined

Evaporation Rate: Not determined

Explosion Properties: Not determined

Flammability (solid, gas): Not applicable

Oxidizing Properties: None

Upper/lower flammability or explosive limits:
Not determined

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: Avoid contact with heat, sparks, flame and all sources of ignition.

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

10.6 Hazardous Decomposition Products: Oxides of carbon, nitrogen and sulfur.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Acute Health Hazards:

Inhalation: Inhalation of mists may cause respiratory irritation.

Eye Contact: Contact can cause severe irritation and burns with pain, tearing, and redness. May cause permanent eye damage, vision impairment, and blurred vision.

Skin Contact: May cause irritation. Prolonged contact may cause drying of the skin and dermatitis.

Ingestion: Swallowing may cause gastrointestinal irritation.

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

Chronic Effects: Prolonged exposure may cause permanent eye damage.

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:

Cocamidopropyl Hydroxysultaine: No data available.

Coco-Glucoside: Oral rat LD50 > 2000 mg/kg

Dermal rabbit LD50 > 2000 mg/kg

Sodium Coco-Sulfate: Oral rat LD50 > 4010 mg/kg

Dermal rat LD50 > 2000 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

Coco Glucoside: Danio rerio LC50: 2.95 mg/L/96hr

Sodium Coco Sulfate: Pimephales promelas LC50: 1.11 mg/L/96hr

12.2 Persistence and Degradability:

No data available

12.3 Bioaccumulative Potential:

No data available

12.4 Mobility in Soil:
No data available

12.5 Results of PBT and vPvB Assessment: Not determined.

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 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:

US TSCA	All of the components are listed. ¹
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¹ Components of Coco Glucoside (CAS# 141464-42-8) make up 100% of this material and are listed on TSCA as Lauryl Glucoside (CAS# 110615-47-9) and Decyl Glucoside (CAS# 68515-73-1)

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): None

15.2 Chemical Safety Assessment: Not required for mixtures

SECTION 16: OTHER INFORMATION

16.1 Indication of Changes

Version 5 created on 05/01/2017- Reviewed and approved, no changes

Version 4 created on 05/10/2015 - Revising Prop 65 statement

Version 3 created on 04/09/2015 – Update to GHS

Version 2 created on 03/01/2010

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

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

Xi – Irritant.
R36 – Irritating to eyes
R37/38 – Irritating to respiratory system and skin.
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
Eye Irrit 2 – Eye Irritation Category 2
STOT SE 3 – Specific Target Organ Toxicity – Single Exposure Category 3
Aq acute 3 Aquatic acute toxicity category 3
Aq chrc 3 Aquatic chronic toxicity category 3
Skin Irrit. 2 – Skin irritation category 2

H315 - Causes skin irritation
H318 - Causes serious eye damage
H319 – Causes serious eye irritation
H335 – May cause respiratory irritation
H402 Harmful to aquatic life
H412 Harmful to aquatic life with long lasting effects

16.3 Legal Disclaimer

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