

SAFETY DATA SHEET

EC Regulation No.1907/2006 (REACH) & 1272/2008 (CLP)

THIS PRODUCT IS FOR EXTERNAL USE ONLY- DO NOT INGEST

1. IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY

Product identifier

Commercial Name: COCO GLUCOSIDE PALM FREE
INCI Name: COCO-GLUCOSIDE
CAS No: 110615-47-9, 68515-73-1, 7732-18-5
EINECS No: 600-975-8, 500-220-1, 231-791-2
TSCA CAS No: -
FEMA: -
Chemical Name: Alkyl Polyglycoside C10-16, Alkyl Polyglucoside C8-10
Ph. Eur. Name:

Relevant identified uses of the substance or mixture and uses advised against

Identified use (s): Cleansing, foaming & surfactant material for manufacturing purposes only.

Details of the supplier of the safety data sheet

Company Name: SOAPMAKERS STORE
Contact: JOHN BLACK
Address: Unit 3 Quatro Park, Tanners Drive, Milton Keynes MK14 5FJ ENGLAND
Telephone : ☎ + 44 (0) 1908 334108
Fax: ☎ + 44 (0) 1908 211376
Email : ✉ sales@soapmakers-store.com
Emergency Tel. No.: ☎ + 44 (0) 1908 334108

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification according to Regulation (EC) No. 1272/2008 (CLP)

Symbols:



Signal word: DANGER

Hazard Class	Abbreviation	Hazard Category	Hazard Code	Hazard Statement
Eye Damage/Irritation	EDI	1	H318	Causes serious eye damage
Skin Corrosion/Irritation	SCI	2	H315	Causes skin irritation

3. COMPOSITION/INFORMATION ON CONSTITUENTS

Nature Of Product: COCO-GLUCOSIDE

Coco-Glucoside is the product obtained by the condensation of coconut alcohol with glucose.

Constituents:

These indicative maximum levels should be taken into account when determining the compliance of the raw material under its condition of use.

CONSTITUENT	CAS NUMBER	%	RELEVANT GHS	REACH Reg No.
Alkyl Polyglucoside C8-10	68515-73-1	10.0 - 30.0	EDI 1	01-2119488530-36-xxxx
Alkyl Polyglycoside C10-16	110615-47-9	20.0 – 40.0	EDI 1, SCI 2	01-2119489418-23-xxxx
Aqua	7732-18-5	48.0 - 50.0	-	

4. FIRST AID MEASURES

- Ingestion:** Do not induce vomiting, give a glass of water. Seek urgent medical attention and show this information.
- Inhalation:** Remove casualty to fresh air, keep respiratory passages clear and seek urgent medical attention.
- Eye contact:** Irrigate with sterile water or saline for at least 15 minutes. Seek urgent medical attention if irritation persists or tissue damage is apparent.
- Skin contact:** Remove contaminated clothing wash thoroughly with soap and water and rinse. If causes irritation after prolonged contact, if so seek medical advice.

5. FIRE-FIGHTING MEASURES

- Extinguisher:** Use CO2, Foam or Powder extinguishers only.
DO NOT USE WATER JETS.
- Smoke/Fumes:** Avoid inhalation of smoke or fumes, may produce CO (carbon monoxide) and CO2 (carbon dioxide).

6. ACCIDENTAL RELEASE MEASURES

Personal Safety Precautions: Avoid contact with skin and eyes. Wear safety gloves, clothing and glasses.
(Consult sections 7 & 8 for additional information)

Environmental Safety Precautions: Eliminate all sources of ignition.
Prevent any material entering drains or waterways
Absorb spills into an inert absorbent material
(e.g. proprietary oil drying granules or sand NOT sawdust or other flammable materials.)
Wash area clean with water and detergent.
Transfer all waste to an approved waste disposal container, observing national legislation.

7. HANDLING AND STORAGE

Handling Precautions: Only use in a well ventilated area. Observe good housekeeping procedures when handling the product. Do not eat, drink or smoke.

Storage Precautions: Product is stable at room temperature.
Keep away from sources of ignition.
Store in tightly sealed containers, in a cool dry place away from direct sunlight.
Prevent access by unauthorised personnel.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information: Contains no substances with occupational exposure limit values.

DNEL/DMEL CAS No: 110615-47-9, CAS No. 68515-73-1
DNEL (Inhalation): 420 mg/m³ (Worker, Long-term, Systemic and local effects)
DNEL (Dermal): 595000 mg/kg bw/day (Worker, Long-Term Chronic, Systemic effects)
DNEL (Inhalation): 124 mg/m³ (Consumers, Long-term, Systemic effects)
DNEL (Dermal): 357000 mg/kg bw/day (Consumers, Long-term, Systemic effects)
DNEL (Oral): 35.7 mg/kg bw/day (Consumers, Long-term, Systemic effects)

PNEC CAS No: 68515-73-1,
PNEC (freshwater) 0.176 mg/l
PNEC (marine water) 0.0176 mg/l
PNEC (marine water) 0.018 mg/l
PNEC (intermittent releases) 0.27 mg/l
PNEC (intermittent releases) 0.0295 mg/l
PNEC sediment (marine water): 0.152 mg/kg dwt
PNEC sediment (marine water): 0.065 mg/kg dwt
PNEC sediment (freshwater): 1.516 mg/kg dwt
PNEC soil: 0.654 mg/kg soil dw
PNEC: Sewage treatment plant: 560 mg/L.
Secondary poisoning: PNEC (predators), Oral: 111.11 mg/kg feed

CAS No. 110615-47-9:
PNEC water (freshwater): 0,176 mg/L.
PNEC water (marine water): 0,018 mg/L.
PNEC water (intermittent release): 0,0295 mg/L.
PNEC sediment (freshwater): 1,516 mg/kg dwt.
PNEC sediment (marine water): 0,065 mg/kg dwt.
PNEC soil: 0,654 mg/kg soil dw.
PNEC sewage treatment plant: 5000 mg/L.
Secondary Poisoning: PNEC predators, oral: 111,11 mg/kg feed

Respiratory Protection: Ensure adequate ventilation.
If ventilation is insufficient use approved respirators.

Skin/Hand Protection: Wear personal protective equipment. Use chemical resistant safety gloves.
Polyvinyl alcohol or nitrile rubber gloves are recommended.

Eye/Face Protection: Wear safety glasses/visors. Ensure eye washes are available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Light yellow cloudy viscous liquid
Solid Content % :	50.0 - 52.0
Free Alcohol:	< 1.0%
pH Value 10% solution:	11.5 - 12.50
Viscosity @ 20 °C :	2500 - 6000

10. STABILITY AND REACTIVITY

<u>Thermal stability:</u>	Product is stable at room temperature. Keep away from any source of ignition. Decomposition may release carbon dioxide, carbon monoxide and other organic compound fumes.
<u>Hazardous reactions:</u>	No dangerous reactions are known

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

LD50 Rat, oral: (CAS No. 110615-47-9): > 5,000 mg/kg

LD50 Rat, oral: (CAS No. 68515-73-1): > 2,000 mg/kg (OECD 401)

LD50 Rabbit, dermal: (CAS No. 110615-47-9), (CAS No. 68515-73-1): > 2,000 mg/kg (OECD 402)

Toxicological effects:

Acute toxicity (oral): Based on available data, the classification criteria are not met.

Acute toxicity (dermal): Based on available data, the classification criteria are not met.

Acute toxicity (inhalative): Lack of data.

Serious eye damage/irritation

Eye damage/irritation: Eye Dam. 1; H318 = Causes serious eye damage.

CAS No. 110615-47-9: Rabbit, irritant (OECD 405)

Skin corrosion/irritation

Skin sensitisation: Based on available data, the classification criteria are not met.

CAS No. 68515-73-1: Guinea pig: not sensitising (OECD 406).

Ingestion - No specific data.

Inhalation

Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Based on available data, the classification criteria are not met.

CAS No. 110615-47-9: Guinea pig, not sensitising

Carcinogenicity - Lack of data.

Germ cell mutagenicity

Germ cell mutagenicity/Genotoxicity: Lack of data.

Information about CAS No. 68515-73-1: Rat, dermal (male, female) Genotoxicity: negative chromosomal aberrations mammalian cells: negative (OECD 474).

CAS No. 110615-47-9: in-vitro: chromosomal aberrations mammalian cells (hamster): negative, (OECD 473)

in-vivo: chromosomal aberrations mammalian cells in micronucleus test: Mouse (male), intraperitoneal: negative

Teratogenicity

Reproductive toxicity: Based on available data, the classification criteria are not met.

CAS No. 110615-47-9: NOAEL Rat: 1000 mg/kg No visible effects.

CAS No. 68515-73-1: NOAEL Rat, oral (male, female): 1000 mg/kg bw/d (OECD 421)

Effects on or via lactation: Lack of data

Specific target organ toxicity (single exposure): Lack of data.

Information about CAS No. 68515-73-1:

NOAEL Rat, oral: 100 mg/kg bw/d (EU B.26)

Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.

Aspiration hazard: Lack of data.

Other information: CAS No. 110615-47-9: Sensitisation: Not known to cause sensitization.

Toxicokinetics, metabolism and distribution: no evidence of bioaccumulation

12. ECOLOGICAL INFORMATION

Toxicity

CAS No. 110615-47-9:

Acute toxicity:

Fish toxicity:LC50 Brachydanio rerio (zebra-fish): 2,95 mg/L/96 h.

Daphnia toxicity:EC50 Daphnia magna (Big water flea): >7 mg/L/48 h

algae toxicity:EC50 Scenedesmus subspicatus: 19 mg/L/72 h

Chronic toxicity:

Fish toxicity:NOEC Brachydanio rerio (zebra-fish): 1,8 mg/L/28 d.

Daphnia toxicity:NOEC Daphnia magna (Big water flea): 1 mg/L/21 d

Sediment toxicity

LC50: 650,45 mg/kg sediment dw

Chronic (long-term) toxicity to crustacea:NOEC Corophium volutator: 71,36 mg/kg sediment dw

CAS No. 68515-73-1:

Acute fish toxicity:LC50: 126 mg/L/96 h.

Longterm fish toxicity:NOEC Brachydanio rerio (zebra-fish): 1,8 mg/L/28d.

Acute Daphnia toxicity:EC50 Daphnia magna (Big water flea): > 100 mg/L/48 h(OECD 202)

Chronic daphnia toxicity:EC10 Daphnia magna (Big water flea): 1,76 mg/L/21 d

Algae toxicity:Scenedesmus subspicatus EC50: 27,22 mg/L/72 h

Chronic (long-term) toxicity to crustacea:NOEC Corophium volutator: 262,16 mg/kg/10 d sediment dw

Persistence and degradability

CAS No. 110615-47-9:

Photo-chemical elimination (Air):DT50: 2,51 h

Hydrolysis at pH 4,7,9 : none

Biodegradability: 88%/28 d

The product is completely biodegradable.

Hydrolysis (at pH 4,7,9; test duration: 5 d; temperature: 50 °C): none

CAS No. 68515-73-1:

Biodegradability in Water: >99,4%/ 28d (aerobic)

Hydrolysis (at pH 4,7,9; test duration: 5 d; temperature: 50 °C): none

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents

Bioaccumulative potential

Partition coefficient n-octanol/water: at 40 °C: 1,72 log P(o/w)

Appreciable bio-accumulation is not to be expected (log P(o/w) 1-3).

Mobility in soil

CAS No. 110615-47-9:log KOC: 1,7/25 °C. Henry's Law Constant: 0,00000002 Pa m³/mol/25 °C

CAS No. 68515-73-1:log Koc: 1,7 at 25 °C. Henry's Law Constant: 0,000000012 Pa m³/mol/25 °C

Results of PBT and vPvB assessment

- This mixture does not contain substances that meet the PBT or vPvB criteria or REACH annex XIII

Other adverse effects

- Do not allow to enter into ground-water, surface water or drains

13. DISPOSAL CONSIDERATIONS

Waste disposal:

Do not pour into drains or waterways.

Comply with local and national regulations for waste disposal.

Empty containers should be washed thoroughly with detergent before being sent for disposal. Washings should be disposed of as waste.

14. TRANSPORT INFORMATION

Transport this product in compliance with and provision of, the ADR/RID for Road and Rail, IMDG for Sea and ICAO/IATA for Air transportation.

UN Shipping Name (N.O.S.): NOT CLASSIFIED
ADR/RID (Road/Rail): Not Classified
IMDG/IMO (Sea): Not Classified
ICAO/IATA (Air): Not Classified
UN Number: Not Classified
Packing Group: Not Classified
Subsidiary Risk:
Packing Instructions: Not environmentally hazardous. Transport in suitable container.

Labelling according to ADR/RID, IMDG/IMO and ICAO/IATA:

UN Shipping Name: NOT CLASSIFIED

15. REGULATORY INFORMATION

Product Classification: COCO GLUCOSIDE.

This product is labelled according to the criteria of Directive CLP 1272/2008/EC.

Classification:



DANGER

Hazard Categories:

EDI 1 Causes serious eye irritation
SCI 2 Causes skin irritation

16. ADDITIONAL INFORMATION

Legal disclaimer:

The information given on this material health and safety sheet is not a warranty as to the performance or suitability of the product. The information must be regarded only as a description of the health, safety and environmental requirements for that product. The information contained herein is true and accurate to the best of our knowledge and belief, but does not claim to be all inclusive.

Soapmakers Store is a Division of Aroma Trading Ltd, Registered No. 2698381, V.A.T. Registration No. 600 516 981 and as such, shall not be held liable for any damage resulting from handling or from contact with the product, since the conditions of use are out of our control. It is the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.