Muddy Soap Co., Inc.

Date Revised: October 13, 2022

SAFETY DATA SHEET

COCO GLUCOSIDE

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product name	Coco Glucoside
U.S. distributor	Muddy Soap Co., Inc. 205 N Sycamore St Tomball, TX 77375, USA
Business phone	713-489-6297
Emergency phone	Infotrac: 800-535-5053 (listed in the source SDS)

2. HAZARD IDENTIFICATION

Classification according to EC regulation 1272/2008 (CLP):
Eye Dam. 1; H318 Causes serious eye damage.
Skin Irrit. 2; H315 Causes skin irritation.

Classification according to Directive 67/548/EEC or 1999/45/EC
Xi; R41 Risk of serious damage to eyes.
Xi; R38 Irritating to skin.

Label elements
Labelling (CLP)



Signal word
Danger

Hazard statements
H315 Causes skin irritation.
H318 Causes serious eye damage.

Safety precautions
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

Labelling (67/548/EEC or 1999/45/EC)



Xi – irritant

R phrase(s):
R 38 Irritating to skin.
R 41 Risk of serious damage to eyes.

S phrase(s):
S 24/25 Avoid contact with skin and eyes.
S 26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
S 37/39 Wear suitable gloves and eye/face protection.

Other hazards
Special danger of slipping by leaking/spilling product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

INCI NAME	CAS NO.	CONCENTRATION (%)
Decyl Glucoside / C8-14 fatty alcohol glycoside	68515-73-1 / 110615-47-9	50.0 Min.

4. FIRST AID MEASURES

Description of first aid measures
After inhalation: Provide fresh air. Seek medical treatment in case of troubles.

In case of skin contact: Remove residues with soap and water. Change contaminated clothing. In case of skin reactions, consult a physician.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After swallowing: Rinse mouth and drink large quantities of water. Seek medical attention.

Most important symptoms and effects, both acute and delayed
After contact with skin: Irritant.
After eye contact: Causes serious eye damage.

Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media
Water fog, foam, extinguishing powder, carbon dioxide.

Special hazards arising from the substance or mixture
In case of fire may be liberated: carbon monoxide and carbon dioxide

Advice for firefighters
Special protective equipment for firefighters:
Wear self-contained breathing apparatus. Wear suitable protective clothing.

Additional information
Hazchem-Code: -
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Avoid contact with the substance. Provide adequate ventilation. Wear personal protection equipment.

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

Methods and material for containment and cleaning up
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed containers for disposal.

Additional information: Special danger of slipping by leaking/spilling product.
Reference to other sections: Refer additionally to chapter 8 and 13.

7. HANDLING AND STORAGE

Precautions for safe handling
Advices on safe handling Avoid contact with eyes. Provide adequate ventilation, and local exhaust as needed.

Conditions for safe storage, including any incompatibilities
Requirements for storerooms and containers:
Keep container tightly closed in a dry and well-ventilated place. Storage class: 10 Combustible liquids, unless storage class 3

Specific end use(s)
Raw material for the chemical and pharmaceutical industry

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Exposure controls
When vapours form: Withdraw by suction.

Occupational exposure controls Respiratory:
Respiratory protection in case of aerosol or vapor formation Use filter type A (= against vapours of organic substances) according to EN 14387.

Hand protection: Protective gloves according to EN 374. Glove material: Nitrile rubber. Breakthrough time: >480 min. Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed goggles according to EN 166.

Body protection: Wear suitable protective clothing.

General protection and hygiene measures:
Avoid contact with skin and eyes. Change contaminated clothing. When using do not eat, drink or smoke. Wash hands before breaks and after work. Have eye wash bottle or eye rinse ready at work place.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Yellowish slightly cloudy liquid
Odor:	Characteristic
Flash point - flash point range:	approx. 215 °C
Flammability:	This product is non-flammable.
Density:	at 20 °C: 1.16-1.18 g/mL
pH value:	11.5~12.5
Partition coefficient n-octanol water:	at 40 °C: 1.72 log P(o/w)
Bio-accumulation	Not to be expected (log P(o/ w) <1).
Viscosity, dynamic:	1000-6000 mPa.s
Solubility (Water):	Completely Soluble

10. STABILITY AND REACTIVITY

Chemical stability
Product is stable under normal storage conditions.

Possibility of hazardous reactions
No dangerous reactions are known.

Conditions to avoid
No data available

Incompatible materials
None known

Hazardous decomposition products
In case of fire may be liberated: carbon monoxide and carbon dioxide

11. TOXICOLOGICAL INFORMATION

Acute toxicity:
LD50 Rat, oral: (CAS No. 110615-47-9): > 5000 mg/kg
LD50 Rat, oral: (CAS No. 68515-73-1) > 2000 mg/kg

Toxicological effects
Acute toxicity (oral): Lack of data.
Acute toxicity (dermal): Lack of data.
Acute toxicity (inhalative): Lack of data.

Skin corrosion/irritation:
Skin Irrit. 2; H315 = Causes skin irritation.

Eye damage/irritation:
Eye Dam. 1; H318 = Causes serious eye damage.
Sensitization to the Respiratory tract: Lack of data.
Skin sensitization: Lack of data.

Germ cell mutagenicity/Genotoxicity:
Lack of data.

Carcinogenicity:
Lack of data.

Reproductive toxicity:
Lack of data.

Effects on or via lactation:
Lack of data.

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

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

Aspiration hazard:
Lack of data.

Sensitization:
Not known to cause sensitization symptoms

After contact with skin:
Irritant.

After eye contact:
Causes serious eye damage.

12. ECOLOGICAL INFORMATION

Toxicity
Aquatic toxicity:
CAS No. 110615-47-9:
Fish toxicity: LC50 Leuciscus idus: 100 - 500 mg/L/96 h.

CAS No. 68515-73-1:
Acute fish toxicity:
LC50: 126 mg/L/96 h.

Longterm fish toxicity:
LC50 Brachydanio rerio (zebra-fish): 3,2 mg/L/28d.

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

Bacterial toxicity: Pseudomonas putida
EC50: >560 mg/L/6 h

Water Hazard Class: 1 = slightly hazardous to water

Persistence and degradability
Further details: Biodegradability in Water: >99,4%/ 28d (aerobic)

Bioaccumulative potential
Partition coefficient n-octanol/water:
at 40 °C: 1.72 log P(o/w)
Bio-accumulation is not to be expected (log P(o/w) <1).

Mobility in soil
No data available

Results of PBT and vPvB assessment
No data available

Other adverse effects
General information: Do not allow to enter into ground-water, surface water or drains.

13. DISPOSAL CONSIDERATIONS

Avoid disposing to drainage systems and into the environment. Seek expert advice. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

As your supplier, we have no control over the management practices or manufacturing processes of parties handling or using this material. The information presented here pertains only to the product in its intended condition as shipped

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14. TRANSPORT INFORMATION

UN number:	Not applicable
UN proper shipping name:	ADR/RID, IMDG, IATA: Not restricted
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Marine pollutant - IMDG: No
Special precautions for user:	No dangerous good in sense of these transport regulations.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No data available

15. REGULATORY INFORMATION

Cosmetics Directive 7th Amendment: Not restricted

16. OTHER INFORMATION

Source technical SDS revised October 13, 2022. Distributor edition issued November 20, 2026. This information is based on the source SDS and is provided as guidance for safe handling, use, storage and disposal. The source does not guarantee accuracy, completeness, performance, suitability, or fitness for a particular purpose. Users are responsible for safe handling and for determining suitability for their intended use. This information grants no patent license and does not authorize infringement or violation of applicable law.