Safety Data Sheet

This safety data sheet was created pursuant to the requirements of: 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200, and, Canadian Workplace Hazardous Material Information System (WHMIS 2015)

SECTION 1 - Identification

Product identifier

Product Name	Coco Glucoside

Other means of identification

Chemical name	Coco-Glucoside
INCI name	N/A

Recommended use of the chemical and restrictions on use

Recommended use	surfactant for manufacturing cosmetics and personal care products.
Uses advised against	Spraying in industrial settings and applications

1.3 Details of the supplier of the Safety Data Sheet

Supplier Name	Green Valley Laboratory
Address	435 Hartford Pike, Killingly, CT 06241, USA
Contact	Help@dauphineorganics.com
Phone	n/a

1.4 Emergency telephone number

Emergency Phone No.	CHEMTREC Emergency Call Center +1 800-424-9300 (US & Canada) - +1 703-527-3887 (Europe)

SECTION 2 - Hazard Identification

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1

Emergency Overview

Appearance	Slight Viscous To cloudy Liquid
Physical state	Liquid
Odor	Characteristic

Label elements

Danger

Hazard statements

Causes skin irritation
Causes serious eye damage

Hazard Pictogram	

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves, eye protection and face protection.

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

Skin

IF ON SKIN: Wash with plenty of water and soap. If skin irritation occurs: Get medical advice and attention. Take off contaminated clothing and wash it before reuse.

Other information

May be harmful in contact with skin. Toxic to aquatic life.

Unknown acute toxicity

0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

SECTION 3 - Composition / Information on Ingredients

Substance

Not applicable.

Mixture

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	15 - 40	-	-
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	110615-47-9	10 - 30	-	-
sodium hydroxide	1310-73-2	0.1 - 1	-	-

*The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4 - First Aid Measures

Description of first aid measures

Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Seek immediate medical attention/advice.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician.
Inhalation	Remove to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.
Ingestion	Rinse mouth thoroughly with water. If symptoms persist, call a physician. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms	None known.

Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.

SECTION 5 - Fire Fighting Measures

Suitable Extinguishing Media	Dry chemical, CO2 or water spray.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
Specific hazards arising from the chemical	No information available.
Hazardous combustion products	Carbon oxides. Hydrogen chloride.

Explosion data

Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.

Special protective equipment and precautions for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions	Use personal protective equipment as required. Evacuate personnel to safe areas. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak.

Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so. Dike far ahead of liquid spill for later disposal.
Methods for cleaning up	Soak up with inert absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains.

SECTION 7 - Handling and Storage

Precautions for safe handling

Advice on safe handling	Avoid contact with skin, eyes or clothing. Use personal protection equipment. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep in properly labeled containers. Keep containers tightly closed in a cool, well-ventilated place. Keep from freezing.

SECTION 8 - Exposure Controls / Personal Protection

Control parameters

Exposure Limits	The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
sodium hydroxide 1310-73-2	Ceiling: 2 mg/m³	TWA: 2 mg/m³ (vacated) Ceiling: 2 mg/m³	IDLH: 10 mg/m³ Ceiling: 2 mg/m³

Chemical name	Alberta	British Columbia	Ontario	Quebec
sodium hydroxide 1310-73-2	Ceiling: 2 mg/m³	Ceiling: 2 mg/m³	CEV: 2 mg/m³	Ceiling: 2 mg/m³

Appropriate engineering controls

Engineering controls	Showers, Eyewash stations, Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection	Tight sealing safety goggles. Face protection shield.
Hand protection	Wear suitable gloves.
Skin and body protection	Wear suitable protective clothing.
Respiratory protection	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 - Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Slight Viscous To cloudy Liquid
Color	yellow
Odor	Characteristic

Property	Values	Remarks • Method
pH	11.5 - 12.5	
Melting point / freezing point	<= 0 °C / 32 °F	(based on components)
Initial boiling point and boiling range	> 100 °C / 212 °F	
Flash point	100 °C / 212 °F	(based on components)
Flammability	-	Not flammable
Flammability Limit in Air		Not flammable - Not applicable
Upper flammability or explosive limits	Not flammable	
Lower flammability or explosive limits	Not flammable	
Vapor pressure	2.33	kPa @ 20 °C (based on components)
Relative vapor density	0.621	(based on components)
Relative density	1.07	@ 25 °C
Water solubility	Soluble in water	
Solubility in other solvents	Soluble in water	
Partition coefficient	< 2	log Kow
Autoignition temperature	-	Not applicable (based on components)
Decomposition temperature	-	Not applicable See also section - Boiling point / boiling range
Kinematic viscosity	-	Not applicable
Dynamic viscosity	-	Not determined
Particle characteristics		Not applicable - Liquid
Particle Size	-	
Particle Size Distribution	-	

Other information

Explosive properties	No information available
Oxidizing properties	No information available
Softening point	No information available
Molecular weight	No information available
VOC content	No information available
Liquid Density	1.07
Bulk density	-
Surface tension	29.02 dynes/cm (0.5%, 25 deg C)

SECTION 10 - Stability and Reactivity

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	Extremes of temperature and direct sunlight.
Incompatible materials	Strong acids. Strong bases. Strong oxidizing agents.
Hazardous decomposition products	Carbon monoxide. Carbon dioxide (CO2). Hydrocarbons.

SECTION 11 - Toxicological Information

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Severely irritating to eyes.
Skin contact	May cause irritation.
Ingestion	Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Redness. Burning. May cause blindness. May cause redness and tearing of the eyes.

Acute toxicity

Numerical measures of toxicity

No information available

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	9,932.50 mg/kg
ATEmix (dermal)	3,974.20 mg/kg
ATEmix (inhalation-gas)	99,999.00 ppm
ATEmix (inhalation-dust/mist)	99,999.00 mg/l
ATEmix (inhalation-vapor)	99,999.00 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
D-Glucopyranose, oligomeric, decyl octyl glycosides 68515-73-1	-	> 2000 mg/kg (Rabbit)	-
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides 110615-47-9	-	> 2000 mg/kg (Rabbit)	-
sodium hydroxide 1310-73-2	= 325 mg/kg (Rat)	= 1350 mg/kg (Rabbit)	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Respiratory or skin sensitization	Based on available data, the classification criteria are not met.

Method	Species	Exposure route	Results
OECD Test No. 429: Skin Sensitization	-	-	Not a skin sensitizer Read-across data (based on components)

Germ cell mutagenicity	Based on available data, the classification criteria are not met.

Method	Species	Results
OECD Test No. 476: In Vitro Mammalian Cell Gene Mutation Tests using the Hprt and xprt genes	in vitro	Not mutagenic Read-across data (based on components)

Carcinogenicity	No information available.
Reproductive toxicity	Not classified.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.

Aspiration hazard	Not applicable.

SECTION 12 - Ecological Information

Ecotoxicity	Not considered to be harmful to aquatic life.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
D-Glucopyranose, oligomeric, decyl octyl glycosides 68515-73-1	-	LC50: =170mg/L (96h, Danio rerio)	EC0: >100 mg/l (OECD 209, bacterium)	EC50 >100 mg/l (OECD 202, part 1, Daphnia magna) NOEC > 1-10 mg/l (OECD 202, part 2, Daphnia magna)
sodium hydroxide 1310-73-2	-	LC50: =45.4mg/L (96h, Oncorhynchus mykiss)	-	-

Persistence and degradability	Readily biodegradable. (based on components).

Component Information: D-Glucopyranose, oligomeric, C10-16-alkyl glycosides (110615-47-9)

Method	Exposure time	Value	Results
OECD Test No. 301D: Ready Biodegradability: Closed Bottle Test (TG 301 D)	28 days	Biodegradation	88 %

Bioaccumulation	Not likely to bioaccumulate.
Bioconcentration factor (BCF)	There is no data for this product

Component Information

Chemical name	Partition coefficient
D-Glucopyranose, oligomeric, decyl octyl glycosides 68515-73-1	< 1.77
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides 110615-47-9	≤ -0.07

Mobility in soil	There is no data for this product.
Other adverse effects	No information available.

SECTION 13 - Disposal Considerations

Disposal methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.
California waste information	This product contains one or more substances that are listed with the State of California as a hazardous waste.

California waste information

Chemical name	California Hazardous Waste Status
sodium hydroxide 1310-73-2	Toxic, Corrosive

SECTION 14 - Transport Information

DOT	Not regulated
MEX	Not regulated
IATA	Not regulated
IMDG	Not regulated

SECTION 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer	Not applicable

The Stockholm Convention on Persistent Organic Pollutants	Not applicable
The Rotterdam Convention	Not applicable

All of the components in the product are on the following Inventory lists

TSCA	Listed.
TSCA Section 5 and 12(b)	No TSCA 12(b) or SNUR Chemicals present
DSL/NDSL	Listed.
International Inventories	Contact supplier for inventory compliance status

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
sodium hydroxide 1310-73-2	1000 lb	-	-	X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	Reportable Quantity (RQ)
sodium hydroxide 1310-73-2	1000 lb	-	RQ 1000 lb final RQ; RQ 454 kg final RQ

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Water 7732-18-5	-	-	X
sodium hydroxide 1310-73-2	X	X	X
1-Octanol 111-87-5	-	-	X
Decan-1-ol 112-30-1	-	-	X

U.S. EPA Label Information

EPA Statement	Not applicable.

SECTION 16 - Other Information

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend SECTION 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)
STEL	STEL (Short Term Exposure Limit)

Ceiling	Maximum limit value
Sk*	Skin designation

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
Environmental Protection Agency
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine’s PubMed database (NLM PUBMED)
U.S. National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
World Health Organization

Source document control

Source SDS revision	3
Source SDS date	26-Nov-2024

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