

MUDDY SOAP CO.

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)

Revision date 26-Jun-2026

Revision Number 5.1

1. Identification

Product identifier

Product Name Muddy Clean

Chemical name Functionalized alkyl polyglucoside
INCI name N/A

Recommended use of the chemical and restrictions on use

Recommended use surfactant

Uses advised against No information available

Details of the supplier of the safety data sheet

Distributor: Muddy Soap Co.
205 N Sycamore St
Tomball, TX 77375
USA

For further information, please contact

E-mail address susie@muddyssoapco.com

Emergency telephone number

Company Phone Number 713-489-6297

Emergency telephone: 713-489-6297
Available daily, 9 a.m.-9 p.m. Central Time.

2. Hazard(s) identification

Classification

Serious eye damage/eye irritation	Category 2A
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Emergency Overview

Appearance clear Liquid
Label elements

Physical state Liquid

Odor Slight

Warning

EN

NGHS

Page 1 / 10

Hazard statements

Causes serious eye irritation

**Precautionary Statements - Prevention**

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

Precautionary Statements - Response**Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice and attention.

Other information

Toxic to aquatic life with long lasting effects. 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)

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, C10-16-alkyl glycosides, polymers with epichlorohydrin, 3-(dodecyldimethylammonio)-2-hydroxypropyl ethers, chlorides	1613322-25-0	10 - 30	-	-

Chemical name	CAS No.	Alternate CAS Number	Alternate Chemical Name
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides, polymers with epichlorohydrin, 3-(dodecyldimethylammonio)-2-hydroxypropyl ethers, chlorides	1613322-25-0	1309865-14-2	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides, 3-(dodecyldimethylammonio)-2-hydroxypropyl ethers, chlorides, polymers with 1,3-dichloro-2-propanol

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

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. Keep eye wide open while rinsing. If symptoms persist, call a physician.
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.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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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. Nitrogen oxides (NOx). Hydrogen chloride gas.
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.

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.
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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
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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.

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.

8. Exposure controls/personal protection

Control parameters

Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering controls

Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles).

Hand protection

Wear suitable gloves.

Skin and body protection

Wear suitable protective clothing.

Respiratory protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state

Liquid

Appearance

clear Liquid

Color

yellow

Odor

Slight

Odor threshold

No data available

Property

pH

Values

-

Remarks • Method

See also section - pH (as aqueous solution)

pH (as aqueous solution)	6.0 - 8.0	solution (10 %)
Melting point / freezing point	-10 °C / 14 °F	
Initial boiling point and boiling range	> 100 °C / 212 °F	
Flash point	> 100 °C / 212 °F	Pensky-Martens Closed Cup (PMCC)
Evaporation rate	-	Not determined
Flammability	-	Not flammable
Flammability Limit in Air		
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	1.099	@ 25 °C
Water solubility	Soluble in water	
Solubility in other solvents	Soluble in water	
Partition coefficient	-	Not applicable - Mixture
Autoignition temperature	-	Not applicable (based on components)
Decomposition temperature	-	Not applicable See also section - Boiling point / boiling range
Kinematic viscosity	221.5 mm ² /s	@ 40 °C
Dynamic viscosity	-	No data available
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	1.099	
Bulk density	-	
Surface tension	No information available	

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	None known based on information supplied.
Hazardous decomposition products	Carbon monoxide. Carbon dioxide (CO ₂). Hydrocarbons.

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	May cause irritation.
Skin contact	Specific test data for the substance or mixture is not available.

Ingestion

Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics**Symptoms**

Redness. May cause redness and tearing of the eyes.

Acute toxicity**Numerical measures of toxicity****The following values are calculated based on chapter 3.1 of the GHS document**

ATEmix (oral)	80,552.00 mg/kg
ATEmix (dermal)	226,907.00 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

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Respiratory or skin sensitization** No information available.**Germ cell mutagenicity** No information available.**Carcinogenicity** No information available.**Reproductive toxicity** No information available.**STOT - single exposure** No information available.**STOT - repeated exposure** No information available.**Aspiration hazard** Not applicable.**12. Ecological information****Ecotoxicity** Toxic to aquatic life with long lasting effects.**Persistence and degradability** Readily biodegradable.

Product Information			
Method	Exposure time	Value	Results
OECD Test No. 301B: Ready Biodegradability: CO2 Evolution Test (TG 301 B)	28 days	62%	Readily biodegradable

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

Chemical name	Partition coefficient
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides, polymers with epichlorohydrin, 3-(dodecyldimethylammonio)-2-hydroxypropyl ethers, chlorides	26.8

1613322-25-0

Mobility in soil There is no data for this product.

Other adverse effects No information available.

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.

14. Transport information

DOT

Not regulated

TDG

UN number or ID number UN3082
UN proper shipping name Environmentally hazardous substance, liquid, n.o.s.
Transport hazard class(es) 9
Packing group III
Special Provisions 16, 99
Marine pollutant name D-Glucopyranose, oligomeric, C10-16-alkyl glycosides, polymers with epichlorohydrin, 3-(dodecyldimethylammonio)-2-hydroxypropyl ethers, chlorides.
Description UN3082, Environmentally hazardous substance, liquid, n.o.s. (D-Glucopyranose, oligomeric, C10-16-alkyl glycosides, polymers with epichlorohydrin, 3-(dodecyldimethylammonio)-2-hydroxypropyl ethers, chlorides), 9, III

MEX

UN number or ID number UN3082
UN proper shipping name Environmentally hazardous substance, liquid, n.o.s.
Transport hazard class(es) 9
Special Provisions 274, 331, 335
Packing group III
Description UN3082, Environmentally hazardous substance, liquid, n.o.s. (D-Glucopyranose, oligomeric, C10-16-alkyl glycosides, polymers with epichlorohydrin, 3-(dodecyldimethylammonio)-2-hydroxypropyl ethers, chlorides), 9, III

ICAO (air)

UN number or ID number UN3082
Transport hazard class(es) 9
Packing group III
Special Provisions A97, A158, A197, A215

EN

NGHS

IATA

UN number or ID number	UN3082
UN proper shipping name	Environmentally hazardous substance, liquid, n.o.s.
Transport hazard class(es)	9
Packing group	III
ERG Code	9L
Special Provisions	A97, A158, A197
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s. (D-Glucopyranose, oligomeric, C10-16-alkyl glycosides, polymers with epichlorohydrin, 3-(dodecyldimethylammonio)-2-hydroxypropyl ethers, chlorides), 9, III

IMDG

UN number or ID number	UN3082
UN proper shipping name	Environmentally hazardous substance, liquid, n.o.s.
Transport hazard class(es)	9
Packing group	III
EmS-No.	F-A, S-F
Special Provisions	274, 335, 969
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s. (D-Glucopyranose, oligomeric, C10-16-alkyl glycosides, polymers with epichlorohydrin, 3-(dodecyldimethylammonio)-2-hydroxypropyl ethers, chlorides), 9, III, Marine pollutant

RID

UN number or ID number	UN3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Transport hazard class(es)	9
Packing group	III
Classification code	M6
Special Provisions	274, 335, 375, 601
Description	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(D-Glucopyranose, oligomeric, C10-16-alkyl glycosides, polymers with epichlorohydrin, 3-(dodecyldimethylammonio)-2-hydroxypropyl ethers, chlorides), 9, III
Labels	9

ADR

UN number or ID number	UN3082
UN proper shipping name	Environmentally hazardous substance, liquid, n.o.s.
Transport hazard class(es)	9
Packing group	III
Classification code	M6
Tunnel restriction code	(-)
Special Provisions	274, 335, 601, 375
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s. (D-Glucopyranose, oligomeric, C10-16-alkyl glycosides, polymers with epichlorohydrin, 3-(dodecyldimethylammonio)-2-hydroxypropyl ethers, chlorides), 9, III, (-)
Labels	9

ADN

UN number or ID number	UN3082
UN proper shipping name	Environmentally hazardous substance, liquid, n.o.s.
Transport hazard class(es)	9
Packing group	III
Classification code	M6
Special Provisions	274, 335, 375, 601
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s. (D-Glucopyranose, oligomeric, C10-16-alkyl glycosides, polymers with epichlorohydrin, 3-(dodecyldimethylammonio)-2-hydroxypropyl ethers, chlorides), 9, III
Hazard label(s)	9
Equipment Requirements	PP

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 on NDSL.
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 does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations**California Proposition 65**

This product is not subject to warning requirements under California Proposition 65.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Water 7732-18-5	-	-	X

U.S. EPA Label Information

EPA Statement Not applicable.

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

Branding/contact update: Muddy Soap Co., 24-Sep-2026. Technical data unchanged.

Revision date 26-Jun-2026

Revision Note SDS Section Updated 1, 14

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet