Muddy Soap Co., Inc.

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 16-Dec-2025 **Revision Number** 4.01

1. Identification

Product identifier

Product Name **SCS Noodles (Sodium Coco Sulfate)**

Other means of identification

INCI name Sodium Coco-Sulfate

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

U.S. distributor and responsible party

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

Business phone 713-489-6297

Emergency phone number 713-489-6297

2. Hazard(s) identification

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Combustible dust	Yes

Emergency Overview

.

Appearance flakes **Physical state** Solid **Odor** Characteristic

Label elements

Danger

Hazard statements
Causes skin irritation
Causes serious eye damage
May form combustible dust concentrations in air



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.

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)

Hazards classified under paragraph (d)(1)(ii) of 1910.1200
No information available.

Other information
May be harmful if swallowed. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

3. Composition/information on ingredients

Substance

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Sodium Coco-Sulfate	68955-19-1	60 - 100	-	-
Sodium hydroxide	1310-73-2	0.1 - 1	-	-

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

4. First-aid measures

Description of first aid measures

Inhalation Remove to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

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.

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.

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 Combustible material. Avoid generation of dust. May form explosive mixtures with air.

Hazardous combustion products Carbon oxides. Oxides of sulfur.

Explosion data

Sensitivity to mechanical impact Self-decomposition or self-ignition may be triggered by heat, chemical reaction, friction or impact.

Sensitivity to static discharge May be ignited by friction, heat, sparks or flames.

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 Avoid generation of dust. Use personal protective equipment as required. Take precautionary measures against static discharges. Remove all sources of ignition.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Prevent dust cloud.

Methods for cleaning up Use personal protective equipment as required. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically, placing in appropriate containers for disposal. Avoid generation of dust. Clean contaminated surface thoroughly.

7. Handling and storage

Precautions for safe handling

Advice on safe handling Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use spark-proof tools and explosion-proof equipment. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Avoid generation of dust. Airborne dusts are potentially explosive. Avoid significant deposits of

material, especially on horizontal surfaces, which may become airborne and form combustible dust clouds and may contribute to secondary explosions. Handling and processing operations should be conducted in accordance with 'best practices' (e.g. NFPA-654).

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep in properly labeled containers. Keep containers tightly closed in a cool, well-ventilated place. Use spark-proof tools and explosion-proof equipment.

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

Biological occupational exposure limits This product, as supplied, contains materials that do not have reportable biological exposure limits or are not subject to the reporting requirements of the local jurisdiction.

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 Ensure adequate ventilation, especially in confined areas. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

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 Solid
Appearance flakes
Color white
Odor Characteristic

Odor threshold No information available

Property	Values	Remarks • Method
pH	9.5 - 11.4	solution (1 %)
Melting point / freezing point	-	Not determined
Initial boiling point and boiling range	208 °C / 406.4 °F	@ 755.3 mm HG
Flash point	170 °C / 338 °F	Pensky-Martens Closed Cup (PMCC)
Evaporation rate	-	Not determined
Flammability	-	May form combustible dust concentrations in air
Flammability Limit in Air		Not applicable - Solid
Upper flammability or explosive limits	-	
Lower flammability or explosive limits	-	
Vapor pressure	-	Not applicable - Solid
Relative vapor density	-	Not applicable - Solid
Relative density	0.4 - 0.8	
Water solubility	> 250 g/l @ 20 °C	
Solubility in other solvents	-	See also section - Water solubility
Partition coefficient	<= 2.1	log Kow @ 20 °C OECD 107
Autoignition temperature	310.5 °C / 590.9 °F	
Decomposition temperature	-	Not applicable See also section - Boiling point / boiling range
Kinematic viscosity	-	Not applicable - Solid
Dynamic viscosity	-	Not applicable - Solid
Particle characteristics		
Particle Size	~1 mm	
Particle Size Distribution	< 500 (20% max) - µm	

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	-
Bulk density	0.4 - 0.8
Surface tension	No information available
K_{st} (bar.m/s)	180

10. Stability and reactivity

Reactivity Combustible dust.

Chemical stability Stable under normal conditions. Self-decomposition or self-ignition may be triggered by heat, chemical reaction, friction or impact.

Possibility of hazardous reactions None under normal processing.

Conditions to avoid Dust formation. Take precautionary measures against static discharges.

Incompatible materials None known based on information supplied.

Hazardous decomposition products Carbon monoxide. Carbon dioxide (CO2). 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 Causes serious eye damage.

Skin contact Causes skin 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

The following ATE values have been calculated for the mixture

ATEmix (oral)	4,230.90 mg/kg
ATEmix (dermal)	10,686.60 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
Sodium Coco-Sulfate 68955-19-1	> 2000 mg/kg (Rat)	> 10000 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

Skin corrosion/irritation Causes skin irritation.

Component Information					
Sodium Coco-Sulfate (68955-19-1)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 404: Acute Dermal Irritation/Corrosion	-	-	-	-	Irritant

Serious eye damage/eye irritation Causes serious eye damage.

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

Component Information			
Sodium Coco-Sulfate (68955-19-1)			
Method	Species	Exposure route	Results
OECD Test No. 406: Skin Sensitization	-	-	Not a skin sensitizer

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

Component Information
Sodium Coco-Sulfate (68955-19-1)

Method	Species	Results
OECD Test No. 471: Bacterial Reverse Mutation Test	-	Not classified
Read-across data	-	Not classified

Carcinogenicity Based on available data, the classification criteria are not met.

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

STOT - single exposure Based on available data, the classification criteria are not met.

STOT - repeated exposure Based on available data, the classification criteria are not met

Aspiration hazard Based on available data, the classification criteria are not met.

12. Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium Coco-Sulfate 68955-19-1	ErC50: =20mg/L (72h, Desmodesmus subspicatus)	LC50: =1.3mg/L (96h, Danio rerio)	-	EC50: =2.8mg/L (48h, Daphnia magna)
Sodium hydroxide 1310-73-2	-	LC50: =45.4mg/L (96h, Oncorhynchus mykiss)	-	-

Persistence and degradability Readily biodegradable.

Bioaccumulative potential Not likely to bioaccumulate.

Bioconcentration factor (BCF) There is no data for this product

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.

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

14. Transport information

DOT Not regulated

MEX Not regulated

IATA Not regulated

IMDG Not regulated

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

CAA (Clean Air Act)
This product does not contain any substances regulated as pollutants pursuant to Clean Air Act (CAA).

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 Sulfate 7757-82-6	-	X	X
Sodium hydroxide 1310-73-2	X	X	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

Distributor edition	Muddy Soap Co., Inc. | 20-Nov-2026
Revision date	16-Dec-2025
Revision Note	SDS sections updated, 2, 3, 4, 8, 9, 10, 11, 15

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

Revision date and revision number refer to the source technical SDS.