



Sodium Lauryl Sulfate 95% Needles

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision Date: 05/29/2015 Supersedes: 04/03/2014

Version: 2.0

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1. Product Identifier

Product Form: Substance

Product Name: Sodium Lauryl Sulfate 95% Needles

Product Name: Sulfuric acid, mono 02-18 alkyl esters, sodium salts

CAS No: 68955-19-1

Synonyms: SCS 95% Kosher Needles; Sodium Lauryl Sulfate(C12-C14)

1.2. Intended Use of the Product

Use of the substance/mixture: Personal Care Preservative

1.3. Name, Address, and Telephone of the Responsible Party

Distributor:
Chemistry Connection
253 Sturgis Road
Conway, AR 72034
(501) 470-9689

1.4. Emergency Telephone Number

Emergency Number 800-424-9300

For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, call CHEMTREC – Day or Night

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US)

Skin Irrit. 2 H315

Eye Dam. 1 H318

STOT SE 3 H335

Aquatic Chronic 3 H412

Full text of H-phrases: see section 16

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US)

Hazard Statements (GHS-US)

Precautionary Statements (GHS-US)

Danger

H315 - Causes skin irritation

H318 - Causes serious eye damage

H335 - May cause respiratory irritation

H412 - Harmful to aquatic life with long lasting effects

P261 - Avoid breathing mist, dust.

P264 - Wash hands, forearms, and exposed areas thoroughly after handling.

P271 - Use only outdoors or in a well-ventilated area.

P273 - Avoid release to the environment.

P280 - Wear eye protection, protective clothing, protective gloves.

P302+P352 - If on skin: Wash with plenty of water.

P304+P340 - If inhaled: Remove person to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a poison center or doctor.

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P321 - Specific treatment (see Section 4 on this SDS).
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P362 - Take off contaminated clothing and wash it before reuse.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

2.3. Other Hazards

No additional information

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Name Sodium Lauryl Sulfate 95%
CAS No Needles 68955-19-1

Name	Product Identifier	%	Classification (GHS-US)
Sulfuric acid, mono-C12-18-alkyl esters, sodium salts	(CAS No) 68955-19-1	100	Flam. Sol. 1, H228 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Chronic 3, H412

3.2. Mixture

Not applicable

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area.

First-aid Measures After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes.

First-aid Measures After Eye Contact: Rinse cautiously with water for at least 60 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms/Injuries: Causes serious eye damage. Causes skin irritation. Irritation of respiratory tract.

Symptoms/Injuries After Inhalation: May cause irritation to the respiratory tract, sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing.

Symptoms/Injuries After Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Eye Contact: Redness, pain, swelling, itching, burning, tearing, and blurred vision. Causes serious eye damage.

Symptoms/Injuries After Ingestion: May cause nausea, vomiting, and diarrhea.

Chronic Symptoms: None known.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If medical advice is needed, have product container or label at hand.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Carbon dioxide (CO₂), dry chemical powder, Sand. Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Do not use a high powered water stream. Use of a high powered stream may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not flammable but will support combustion

Explosion Hazard: Product is not explosive.

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Reactivity: Stable at ambient temperature and under normal conditions of use.

5.3. Advice for Firefighters

Firefighting Instructions: Exercise caution when fighting any chemical fire.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Can be slippery on hard, smooth walking area.

6.1.1. For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Contain and collect as any solid.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely.

6.4. Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Practice good housekeeping - spillage can be slippery on smooth surface either wet or dry.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

Incompatible Products: Strong oxidizers.

Storage Temperature: < 30 °C

Special Rules on Packaging: Stainless steel preferred for storage.

7.3. Specific End Use(s)

Personal Care Preservative

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), or OSHA (PEL).

8.2. Exposure Controls

Appropriate Engineering Controls

Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

Personal Protective Equipment

Safety glasses. Gloves. Insufficient ventilation wear respiratory protection.



Hand Protection

Rubber gloves. Wear chemically resistant protective gloves.

Eye Protection

Chemical goggles or safety glasses.

Respiratory Protection

If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

Other Information

When using, do not eat, drink or smoke.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	Solid
Appearance	White to off-white needles
Odor	Fatty
Odor Threshold	No data available
pH	7.5 - 10.5
Relative Evaporation Rate (butylacetate=1)	No data available
Melting Point	No data available
Freezing Point	Not applicable
Boiling Point	No data available
Flash Point	160 °C (EU Method A.9) (320 °F)
Auto-ignition Temperature	220 °C (428 °F)
Decomposition	No data available
Temperature Flammability (solid, gas)	No data available
Vapor Pressure	Not available
Relative Vapor Density at 20 °C	No data available
Relative Density	No data available
Specific Gravity	No data available
Specific gravity / density	Not available
Solubility	Not available
Partition Coefficient: N-Octanol/Water	Water: Soluble
	<= 2.1 @ 20°C (OECD Guideline 107)
Log Pow	4.6 Segregation coefficient (n-octanol/water)
Viscosity	Not available
Explosive	No data available
Properties Oxidizing	No data available
Properties Explosive	Not applicable

Other Information No additional information available

SECTION 10: STABILITY AND REACTIVITY

- 10.1 Reactivity: Stable at ambient temperature and under normal conditions of use.
- 10.2 Chemical Stability: Stable under normal temperature and pressure.
- 10.3 Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
- 10.4 Conditions to Avoid: Avoid ignition sources. Direct sunlight. Extremely high or low temperatures.
- 10.5 Incompatible Materials: Strong oxidizers.
- 10.6 Hazardous Decomposition Products: Carbon oxides (CO, CO₂). Hydrocarbons. Sulfur oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information On Toxicological Effects

Acute Toxicity : Not classified

Sodium Lauryl Sulfate 95% Needles (\f)68955-19-1	
Sulfuric acid, mono-C12-18-alkyl esters, sodium salts (68955-19-1)	
LD50 Oral Rat	> 2000 mg/kg
LD50 Dermal Rabbit	> 10000 mg/kg

Skin Corrosion/Irritation: Causes skin irritation.

pH: 7.5 - 10.5

Serious Eye Damage/Irritation: Causes serious eye damage.

pH: 7.5 - 10.5

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

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Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): May cause respiratory irritation.

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Specific Target Organ Toxicity (Repeated Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: May cause irritation to the respiratory tract, sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing.

Symptoms/Injuries After Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Eye Contact: Redness, pain, swelling, itching, burning, tearing, and blurred vision. Causes serious eye damage.

Symptoms/Injuries After Ingestion: May cause nausea, vomiting, and diarrhea.

Chronic Symptoms: None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity No additional information available

12.2. Persistence and Degradability

Sodium Lauryl Sulfate 95% Needles (68955-19-1)

Persistence and Degradability Readily biodegradable in water.

12.3. Bioaccumulative Potential

Sodium Lauryl Sulfate 95% Needles (68955-19-1)

Log Pow	4.6 Segregation coefficient (n-octanol/water)
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Bioaccumulative Potential	Not established.
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12.4. Mobility in Soil No additional information available

12.5. Other Adverse Effects

Other Information : Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

SECTION 14: TRANSPORT INFORMATION

In Accordance With ICAO/IATA/IMDG/DOT

14.1. UN Number Not regulated for transport

14.2. UN Proper Shipping Name Not regulated for transport

14.3. Additional Information

Other information : No supplementary information available.

Transport by Sea Not regulated for transport

Air Transport Not regulated for transport

SECTION 15: REGULATORY

INFORMATION 15.1 US Federal Regulations

Sodium Lauryl Sulfate 95% Needles (68955-19-1)

SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
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Sulfuric acid, mono-C12-18-alkyl esters, sodium salts (68955-19-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2 US State Regulations

Sodium Lauryl Sulfate 95% Needles(68955-19-1)

State or local regulations	The product and/or its components does not appear on any state Right to Know lists.
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SECTION 16: OTHER INFORMATION

Revision Date

05/29/2015

Indication of Changes

Revision date.

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Other Information

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Flam. Sol. 1	Flammable solids Category 1
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H228	Flammable solid
H315	Causes skin irritation
H318	Causes serious eye damage
H335	May cause respiratory irritation
H412	Harmful to aquatic life with long lasting effects

The data herein are based on our current knowledge and believed to be reliable. Chemistry Connection provides this information without any representation or warranty, expressed or implied, regarding its accuracy or correctness.

Users must make their own determination that handling, storage, use and disposal of the product in the anticipated manner is safe and appropriate. Because these actions of the user are out of our control, and may be beyond our knowledge, we do not assume responsibility and expressly disclaim liability for loss, damage, expense or any other claim arising out of or in any way connected with the handling, storage, use or disposal of the product or container.