Date Revised: April 5, 2026

SAFETY DATA SHEET
SLS NEEDLES

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: SLS Needles

Company: Level 7 Chemical
253 Sturgis Road
Conway, AR 72034
Phone: 855-927-1777

Emergency Contact: Chemtrec: 800-424-9300

2. HAZARD IDENTIFICATION

GHS Classification of the substance / mixture and any regional information

Classification according to Regulation (EC) No 1272/2008 (CLP/GHS)

Physical Hazards: Not classified
Health Hazards: Not classified
Environmental Hazards: Not classified

Label elements
Labelling according to Regulation (EC) No 1272/2008 (CLP):

Substance name: Sulfuric acid, mono-C12-14-alkyl esters, sodium salts.

Precautionary statements:
P264 wash skin thoroughly after handling
P280 Wear protective glove/protective clothing/eye protection/face protection P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Other hazards which do not result in classification
Not available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

INCI NAME	CAS NO.	CONCENTRATION (%)
Lauryl Sulfate Sodium Salt	85586-07-8	90 - 95

4. FIRST AID MEASURES

Description of the necessary measures, subdivided according to different routes of exposure:

Inhalation: Inhalation is not an expected route of exposure. Remove victim to fresh air and keep at rest in a position
comfortable for breathing if inhalation occurs. See medical attention if symptoms persist.

Skin contact: Immediately wash with plenty of soap and water for at least 5 minutes. Seek medical attention.

Eye contact: Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before re-use. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Call a physician or poison control center immediately.

Ingestion: Never give anything by mouth to an unconscious person. Do NOT induce vomiting without medical advice. Drink water as a precaution.

Most important symptoms and effects, both acute and delayed
Potential acute health effects
Eye contact: No data available
Inhalation: No data available
Skin contact: No data available
Ingestion: No data available

Indication of any immediate medical attention and special treatment needed.

Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments: Symptomatic treatment and supportive therapy as indicated. Following severe exposure the patient should be kept under medical review for at least 48 hours.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing media

Suitable extinguishing media: on large fires use universal foam or water spray. On small fires use dry chemical or CO2. Water can be used to cool fire exposed containers.

Unsuitable extinguishing media: Water jet is not recommended.

Special hazards arising from the Chemicals
Hazardous combustion products: None under normal conditions

Special Protective equipment & Precautions for fire-fighters
Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid dust formation. Avoid breathing dust, vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas.

Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and material for containment and cleaning up.
Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing
and place in container for disposal according to local regulations (see section 13).

7. HANDLING AND STORAGE

Precautions for safe handling.
Follow general occupational hygiene such as washing hands after use. Do not use hooks for handling bags. Multiple handling may lead to formation of fine powder which may cause dusting during usages. Use personal protective equipment while charging the material. To avoid dusting, keep minimum distance between bag and hopper. Use proper dust collection system to avoid particle contamination in production area. Follow safe procedure for loading unloading of product.

Conditions for safe storage, including any incompatibilities
Store the material in a clean, dry place below 35°C, away from direct heat, sunlight and moisture. Slight pH drop is possible over prolonged storage. In case of drop in pH it is fairly safe to use the material as long as the pH is > 7.00. In the original sealed condition, when

stored as recommended, expected shelf life if stored at recommended temperatures: 12 months. Soft, easily breakable agglomeration may be formed on storage. Since the material is hygroscopic in nature, use the
product within a week after opening the bag. Stacking of the paper bags, Non-palletized maximum 12 bags while transporting and 8 bag during storage. Palletized 1+1 while transporting and during storage single pallet on ground or
in pigeon hole.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
Occupational exposure limit values or biological limit values:
No occupational exposure limit values established.

Appropriate engineering controls:
Provide appropriate exhaust ventilation at places.

Individuals protection measures:
Eye and face protection: Wear safety glasses with side shields or splash proof goggles (ANSI Z87 approved).
An emergency eye wash shower facilities are necessary.

Skin protection: Use proper protection - gloves and suitable long-sleeved clothing (i.e., shirts and pants) as a minimum.

Hand protection: Protective gloves.
Respiratory protection: If ventilation is insufficient, suitable respiratory protection must be provided Environmental exposure Controls: Do not discharge into drains or water sources or into the ground.

Industrial hygiene: Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking. Wash contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Needles
Colour:	White to off white
Odour:	Fatty
Odour Threshold:	No data available
pH（25°C, 1% aqueous solution):	7.5-10.5
Melting point:	No data available
Freezing point:	No data available
Boiling point:	No data available

Boiling range:	No data available
Flash point:	206°C at 1013molar
Evaporation rate:	No data available
Flammability:	No data available
Upper lower flammability or Explosive limits:	No data available
Vapour pressure:	Not applicable
Vapour Density:	Not applicable
Relative Density:	0.3-0.6
Solubility(ies):	Soluble in water
Partition coefficient (n-octanol/water):	Log Pow 0.83 at 22°C
Auto-ignition temperature:	>302°C
Decomposition temperature	Not available

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal temperature and pressures.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Heat, open flame, spark.

Incompatible materials: Strong acids, strong oxidizing agents.

Hazardous decomposition products: None under normal condition.

11. TOXICOLOGICAL INFORMATION

Condense but complete & comprehendible description of various toxicological (health) effects and the available data used to identify those effects including:

Information on the likely routes of exposures
Inhalation: No relevant information available
Ingestion:- No data available
Skin:- No data available
Eye contact: No data available

Symptoms related to the physical, chemical and toxicological characteristics
Inhalation: No relevant information available
Ingestion:- No data available
Skin:- No data available
Eye contact: No data available

Delayed and immediate effects and also chronic effects from short and long-term exposure
Not available

12. ECOLOGICAL INFORMATION

Eco toxicity
No data available

Persistence and degradability:
Readily biodegradable

Bioaccumulative potential
No data available

Mobility in soil
No data available.

Other adverse effects
No data available

13. DISPOSAL CONSIDERATIONS

Description of the waste residue & information of their handling & methods of disposal, including any contaminated packing
Description of waste residue & handling: Any waste residue or contaminated material handled with proper use of PPE. Method of Disposal: Dispose of in accordance with local regulations. Disposal of contaminated Packaging: Any containers of equipment used should be decontaminated immediately after use.

14. TRANSPORT INFORMATION

Not classified as dangerous according to transport regulations.

15. REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product Lauryl sulfate sodium salt:
EU regulation: Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of chemicals (REACH) (as amended).

Restrictions on use: None

Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance.

16.

OTHER INFORMATION

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