

Safety Data Sheet

1. IDENTIFICATION

Product Name:	Sodium Lauryl Ether Sulfate 70%
Other Names:	SLES70%
Recommended Use:	Laboratory chemicals, Manufacture of substances.
Supplier:	Global Chemie ASCC Limited
Street Address:	88/123 Moo 2 Bangpoo Industrial Estate (North), Phraek Sa Mai, Mueang Samutprakan, Samutprakan 10280
Telephone:	+66 2324 6888
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2. HAZARDS IDENTIFICATION

Hazardous Nature

This product is not classified as hazardous under GHS criteria.

Hazardous Classification

No data available.

Hazardous Statement

No data available.

GHS Pictograms

No data available.

Hazard Statements

No data available.

Precautionary Statements

No data available.

Response Statements

If on skin

No data available.

If inhaled

No data available.

If in eye

No data available.

If swallowed

No data available.

Storage Statements

No data available.

Disposal Statements

No data available.

Signal Word No Signal Word.

3. COMPOSITION: Information on Ingredients

Chemical Ingredient	CAS No.	UN No.	Proportion (%v/v)
SLES	68585-34-2	-	70
Water	7732-18-5	-	30

Molecular Formula: $\text{CH}_3-(\text{CH}_2)_n-(\text{O}-\text{CH}_2-\text{CH}_2)_p-\text{OSO}_3\text{Na}$

Molecular Weight: 388 g/mol

4. FIRST AID MEASURES

For advice, contact Ramathibodi Poison Centre (Phone: 1367) or a doctor.

Ingestion

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Eye Contact

Flush eyes with water as a precaution.

Skin Contact

Wash off with soap and plenty of water.

Inhalation

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

5. FIRE FIGHTING MEASURES

Shut off product that may 'fuel' a fire if safe to do so. Allow trained personnel to attend a fire in progress, providing firefighters with this Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

Avoid dust formation. Avoid breathing vapor, mist or gas.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE**Precautions for safe handling**

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place. Store in cool place. Handle and store under inert gas.

8. EXPOSURE CONTROLS: PERSONAL PROTECTION**Personal protective equipment****Respiratory protection**

Respiratory protection is not required. Where protection from nuisance levels of dust are desired, use type N95(US) or type P1(EN 143) dust masks. Use respirators and components tested and approved under appropriate government standard such as NIOSH (US) or CEN (EU).

Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's out surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Eye protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH(US) or EN 166(EU).

Skin and body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures

General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Unit of Measurement	Typical Value
Appearance	-	paste
Odour	-	Characteristic
pH	-	7.0-9.8 at 20 g/l (20°C)
Boiling point	°C	No data available
Melting point	°C	10-15
Flash point	°C	No data available
Flammability	-	No data available
Autoignition Temperature	°C	No data available
Decomposition Temperature	°C	No data available
Lower/Upper Flammability Limits	%V	No data available
Density @ 20°C	g/cm ³	No data available
Specific Gravity @ 20°C	-	1.10
Kinematic Viscosity @ 20°C	mPa.s	25000
Vapor pressure	kPa	No data available
Vapor density	kPa (Air = 1)	No data available
Evaporation Rate	(n-Butyl acetate = 1)	No data available
Water Solubility	g/l	No data available
Solubility in other solvents Partition coefficient	(n-octanol/water)	No data available
Coefficient of Thermal Expansion	per Deg °C	No data available
Particle characteristic	-	No data available
Color	-	colorless

The values listed are indicative of this product's physical and chemical properties. For a full product specification, please consult the Product Data Sheet.

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

No data available.

Possibility of hazardous reactions

No data available.

Conditions to avoid

No data available.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Other decomposition products – No data available.

11. TOXICOLOGICAL INFORMATION

Information on toxicological

Effects Acute toxicity

Skin corrosion/irritation

No data available.

Serious eye damage/eye irritation

No data available.

Respiratory or skin sensitization

No data available.

Germ cell

Mutagenicity

No data available.

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

No data available.

Specific target organ toxicity – single exposure

No data available.

Aspiration hazard

No data available.

Potential health effects

Inhalation: May be harmful if inhaled. Causes Respiratory tract irritation.

Ingestion: May be harmful if swallowed.

Skin: May be harmful if absorbed through skin. Causes skin irritation.

Eyes: Causes eye burns.

Signs and symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: No data available.

12. ECOLOGICAL INFORMATION

Toxicity

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Material Disposal

Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classifications and disposal methods in compliance with applicable regulations.

Container Disposal

Drain container thoroughly. After draining, vent in a safe place away from sparks and fire. Residues may cause an explosion hazard. Do not puncture, cut or weld uncleaned drums. Send to drum recovered or metal reclaimer.

Local Legislation

Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied.

14. TRANSPORT INFORMATION

Road and Rail Transport		Marine Transport		Air Transport	
UN. Number	Not regulated	UN. Number	Not regulated	UN. Number	Not regulated
Class/Item	Not regulated	Class/Item	Not regulated	Class/Item	Not regulated
Hazard Symbol	Not regulated	Hazard Symbol	Not regulated	Hazard Symbol	Not regulated
Proper Shipping Name	Not regulated	Proper Shipping Name	Not regulated	Proper Shipping Name	Not regulated
Packing Group	Not regulated	Packing Group	Not regulated	Packing Group	Not regulated
		Marine Pollutant	Not regulated		

15. REGULATORY INFORMATION

This safety data sheet complies with the requirement of Regulation (EC) No.1907/2020

16. OTHER INFORMATION

National Fire Protection Association (USA)	:	No data available
MSDS Distribution	:	The information contained herein is based on our current knowledge of the underlying data and is intended to describe the product for the purpose of health, safety and environmental requirements only. No warranty of guarantee is expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product.
Prepared By	:	Quality Control Department. / Global Chemie ASCC Limited

Abbreviations:

No data available.

References:

- Supplier Material Safety Data Sheets

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer’s knowledge. The document represents the commitment to the company’s responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. No warranty and guarantee are expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product for further information, please contact Global Chemie ASCC Limited.