

SLES (Sodium Lauryl Ether Sulfate) 70%

Safety Data Sheet

In accordance with the Regulation on Safety Data Sheets Regarding Hazardous Substances and Mixtures
Official Journal No. 29204, December 13, 2014

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SDS TR Reference: ARG-F-025

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Form	Substance
Substance Name	SLES (Sodium Lauryl Ether Sulfate) 70%
Chemical Name	Alcohols, C12-14, ethoxylated, sulfates, sodium salts (2 mol EO)
EC-No.	500-234-8
CAS-No.	68891-38-3
Formula	$\text{CH}_3(\text{CH}_2)_{10}\text{CH}_2(\text{OCH}_2\text{CH}_2)_n\text{OSO}_3\text{Na}$
Product Group	Raw material

1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Main Use Category: Detergent

Use of the Substance/Mixture: Surface-active agents

1.3. Details of the Supplier of the Safety Data Sheet

Manufacturer:

NOVA PLUS AMBALAJLAMA LİMİTED ŞİRKETİ

KAYABAŞI MAH. PARK MAVERA 2 T4 NO: 2 İSTANBUL / TURKEY

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1.4. Emergency Telephone Number

No additional information available.

SECTION 2: Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to Classification, Labelling and Packaging of Substances and Mixtures (SEA) Regulation, Official Journal No. 28848, December 11, 2013.

Hazard Category	H-Code
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 1	H318

Adverse Effects: Causes skin irritation. Causes serious eye damage. Harmful to aquatic life with long lasting effects.

2.2. Label Elements

Classification according to Classification, Labelling and Packaging of Substances and Mixtures (SEA) Regulation, Official Journal No. 28848, December 11, 2013.

Hazard Pictograms (SEA):



Signal Word (SEA): DANGER

Hazard Statements (SEA):

- H315 - Causes skin irritation.
- H318 - Causes serious eye damage.
- H412 - Harmful to aquatic life with long lasting effects.

Precautionary Statements (SEA):

- P264 - Wash hands, forearms and face with soap and water thoroughly after handling.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P302+P352 - IF ON SKIN: Wash with plenty of 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.
- P310 - Immediately dial 114 for the NATIONAL POISON CENTER or call a doctor/physician.

2.3. Other Hazards

No additional information available.

SECTION 3: Composition / Information on Ingredients

3.1. Substances

CAS-No.: 68891-38-3

EC-No.: 500-234-8

Chemical Name: Alcohols, C12-14, ethoxylated, sulfates, sodium salts (2 mol EO)

Name	Product Identifier	%	Classification (SEA)
Alkyl ether sulfate C12-14, ethoxylated, sodium salt	CAS: 68891-38-3 EC: 500-234-8	68 - 72	Skin Irrit. 2, H315; Eye Dam. 1, H318; Aquatic Chronic 3, H412

Full text of H-statements: see section 16

3.2. Mixtures

Not applicable.

SECTION 4: First Aid Measures

4.1. Description of First Aid Measures

After Inhalation: Remove person to fresh air and keep comfortable for breathing.

After Skin Contact: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.

After Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

After Ingestion: Call a poison center or a doctor if you feel unwell.

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

Symptoms/Effects After Skin Contact: Irritation.

Symptoms/Effects After Eye Contact: Serious damage to eyes.

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

Treat symptomatically.

SECTION 5: Firefighting Measures

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special Hazards Arising from the Substance or Mixture

Hazardous Decomposition Products in Case of Fire: Toxic fumes may be released.

5.3. Advice for Firefighters

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

6.1.1. For Non-Emergency Personnel

Emergency Procedures: Ventilate spillage area. Avoid contact with skin and eyes.

6.1.2. For Emergency Responders

Protective Equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: Exposure controls/personal protection.

6.2. Environmental Precautions

Avoid release to the environment.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Collect spillage.

Methods for Cleaning Up: Take up liquid spill into absorbent material.

Other Information: Dispose of materials or solid residues at an authorized site.

6.4. Reference to Other Sections

For further information refer to section 13.

SECTION 7: Handling and Storage

7.1. Precautions for Safe Handling

Precautions for Safe Handling: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene Measures: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Store in a well-ventilated place. Keep cool.

7.3. Specific End Use(s)

No additional information available.

SECTION 8: Exposure Controls / Personal Protection

8.1. Control Parameters

No additional information available.

8.2. Exposure Controls

Appropriate Engineering Controls	Ensure good ventilation of the work station.
Hand Protection	Protective gloves.
Eye Protection	Safety glasses.
Skin and Body Protection	Wear suitable protective clothing.
Respiratory Protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Environmental Exposure Controls	Avoid release to the environment.

Personal Protective Equipment Symbol(s):



SECTION 9: Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Physical State	Liquid
Appearance	Yellowish. Viscous liquid.
Colour	Slightly yellow
Odour	Characteristic
Odour Threshold	No data available
pH	No data available
pH Solution	1 (7 - 9.5) %

Relative Evaporation Rate (butylacetate=1)	No data available
Melting Point	>= 20 degC
Freezing Point	No data available
Boiling Point	> 100 degC
Flash Point	> 100 degC
Auto-Ignition Temperature	No data available
Decomposition Temperature	> 206 degC
Flammability (solid, gas)	Not applicable
Vapour Pressure	No data available
Relative Vapour Density at 20 degC	No data available
Relative Density	No data available
Solubility	Soluble in water. Water: 280 g/l
Log Pow (Partition Coefficient n-octanol/water)	No data available
Viscosity, Kinematic	No data available
Viscosity, Dynamic	> 10 mPa.s
Explosive Properties	No data available
Oxidising Properties	No data available
Explosive Limits	No data available

9.2. Other Information

No additional information available.

SECTION 10: Stability and Reactivity

10.1. Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical Stability: Stable under normal conditions.

10.3. Possibility of Hazardous Reactions: No dangerous reactions known under normal conditions of use.

10.4. Conditions to Avoid: None under recommended storage and handling conditions (see section 7).

10.5. Incompatible Materials: No additional information available.

10.6. Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity: Not classified

Sodium lauryl ether sulphate (68891-38-3)	Value
LD50 oral	> 2000 mg/kg bodyweight
LD50 dermal	> 2000 mg/kg bodyweight

Skin Corrosion/Irritation	Causes skin irritation.
Serious Eye Damage/Irritation	Causes serious eye damage.
Respiratory or Skin Sensitisation	Not classified
Germ Cell Mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive Toxicity	Not classified
STOT-Single Exposure	Not classified
STOT-Repeated Exposure	Not classified
Aspiration Hazard	Not classified

SECTION 12: Ecological Information

12.1. Toxicity

Ecology - General: Harmful to aquatic life with long lasting effects.

Long-term (Chronic) Aquatic Hazard: Harmful to aquatic life with long lasting effects. Classification procedure: Calculation method.

12.2. Persistence and Degradability: No additional information available.

12.3. Bioaccumulative Potential: No additional information available (CAS: 68891-38-3).

12.4. Mobility in Soil: No additional information available (CAS: 68891-38-3).

12.5. Results of PBT and vPvB Assessment: No additional information available.

12.6. Ozone: Not classified

12.7. Other Adverse Effects: No additional information available.

SECTION 13: Disposal Considerations

13.1. Waste Treatment Methods

Waste Treatment Methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport Information

In accordance with ADR / RID / IMDG / IATA / ADN

Item	ADR	IMDG	IATA	ADN	RID
UN Number	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
UN Shipping Name	N/A	N/A	N/A	N/A	N/A
Transport Hazard Class	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
Packing Group	N/A	N/A	N/A	N/A	N/A
Environmental Hazards	Dangerous for environment: NO	Dangerous for environment: NO Marine pollutant: NO	Dangerous for environment: NO	Dangerous for environment: NO	Dangerous for environment: NO

14.6. Special Precautions for User

- Overland Transport: No data available
- Transport by Sea: No data available
- Air Transport: No data available
- Inland Waterway Transport: No data available
- Rail Transport: No data available

14.7. Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

No data available.

SECTION 15: Regulatory Information

15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

15.1.1. National Regulations No additional information available

This product does not contain any substances that are controlled or prohibited for use according to the Regulation on Ozone Depleting Substances published in the Official Journal numbered 30031 on April 7, 2017.

SECTION 16: Other Information

Full Text of H-Statements

Code / Category	Full Statement
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H315	Causes skin irritation.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.

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