

C10-C13 Alkyl Benzene Sulphonic Acid

Safety Data Sheet

In accordance with the Regulation on Safety Data Sheets Regarding Hazardous Substances and Mixtures

Official Journal No. 29204, December 13, 2014 | Version: 2.0

Date of Issue:	12/12/2025
Revision Date:	23/11/2027

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

1.1. Product Identifier

Product Form: Mixture

Product Name: C10-C13 Alkyl Benzene Sulphonic Acid

Product Group: Anionic surface active matter

1.2. Relevant Identified Uses and Uses Advised Against

Use of the Substance/Mixture: Covers the use as a component of cleaning products including pouring/unloading from drums or containers; and exposures during mixing/diluting in the preparatory phase and cleaning activities (including spraying, brushing, dipping, wiping automated and by hand)

Recommended Uses and Restrictions: Cleaning agent

1.3. Details of the Supplier

NOVA PLUS AMBALAJLAMA LİMİTED ŞİRKETİ

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

Tel: +90 5364364992

Email: info@nova-plus.net | Web: www.nova-plus.net

1.4. Emergency Telephone Number

Country	Organisation/Company	Emergency Number	Comment
Turkey	NOVA PLUS AMBALAJLAMA	+90(531) 910 83 86	

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-Statement
Acute toxicity (oral), Category 4	H302
Skin corrosion/irritation, Category 1	H314
Serious eye damage/eye irritation, Category 1	H318
Hazardous to the aquatic environment - Chronic Hazard, Category 3	H412

Adverse Effects: Causes severe skin burns and eye damage. Harmful if swallowed. 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 published in the Official Journal numbered 28848 on December 11, 2013. Extra labelling to display Extra classification(s) to display

Hazard pictograms (SEA)



GHS05

GHS07

Signal Word: DANGER

Hazardous Ingredients: Benzenesulfonic acid, C10-13-alkyl derivs.

Hazard Statements:

- H302 - Harmful if swallowed.
- H314 - Causes severe skin burns and eye damage.
- H412 - Harmful to aquatic life with long lasting effects.

Precautionary Statements:

- P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
- P264 - Wash hands, forearms and face with soap and water thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P312 - IF SWALLOWED: If you feel unwell, immediately dial 114 for the NATIONAL POISON CENTER or call a doctor.

2.3. Other Hazards

No additional information available.

SECTION 3: Composition / Information on Ingredients

3.2. Mixtures

Name	Product Identifier	%	Classification (SEA)
Benzenesulfonic acid, C10-13-alkyl derivs.	CAS: 85536-14-7 EC: 287-494-3	>= 96.5	Acute Tox. 4 (Oral), H302; Skin Irrit. 2, H315; Eye Dam. 1, H318; Aquatic Chronic 3, H412
Benzen, C10-13 alkyl derivs.	CAS: 67774-74-7 EC: 267-051-0	< 2	Asp. Toxicity: Category 1

Sulphuric Acid	CAS: 7664-93-9 EC: 231-639-5	<= 1	Skin Corrosion: Category 1A; Corrosive to metals, Category 1
----------------	------------------------------	------	---

SECTION 4: First Aid Measures

4.1. Description of First Aid Measures

General: Call a physician immediately.

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

After Skin Contact: Wash skin with plenty of water. Take off immediately all contaminated clothing. Call a physician immediately.

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: Rinse mouth. Do not induce vomiting. Call a physician immediately. Call a poison center or a doctor if you feel unwell.

4.2. Most Important Symptoms and Effects

Skin Contact: Burns.

Eye Contact: Serious damage to eyes.

Ingestion: Burns.

4.3. Immediate Medical Attention

Treat symptomatically.

SECTION 5: Firefighting Measures

5.1. Extinguishing Media

Suitable: Water spray, dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂).

Unsuitable: Strong water jet.

5.2. Special Hazards

Reactivity in Case of Fire: At high temperature may liberate dangerous gases.

Hazardous Decomposition Products: 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

General Measures: Eliminate every possible source of ignition. Access forbidden to unauthorised personnel. Use protective clothing. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Notify authorities if product enters sewers or public waters. Use care in walking on spilled material. Do not inhale vapour.

Protective Equipment (Non-Emergency): Wear recommended personal protective equipment. Dust formation: dust mask. Wear suitable protective clothing, gloves and eye or face protection.

Emergency Procedures: Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Do not touch or walk on the spilled product. Evacuate unnecessary personnel. Mark out the contaminated area with signs and prevent access to unauthorized personnel.

Emergency Responders: Only qualified personnel equipped with suitable protective equipment may intervene. Wear suitable protective clothing, gloves and eye/face protection.

6.2. Environmental Precautions

Avoid release to the environment. Do not allow to enter drains or water courses. Do not discharge into drains or waterways without neutralizing.

6.3. Methods and Material for Containment and Cleaning Up

Containment: Soak up with inert absorbent material (e.g. sand, sawdust, silica gel). Contain spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Cleaning Up: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Sweep or shovel spills into appropriate container for disposal. Minimise generation of dust.

Other Information: Dispose of materials or solid residues at an authorized site. Dispose of contaminated materials in accordance with current regulations.

SECTION 7: Handling and Storage

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Use adequate ventilation to keep vapour concentrations below applicable standard.

Precautions: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment. Avoid dust formation. Avoid prolonged and repeated contact with skin. Contaminated work clothing should not be allowed out of the workplace. Take precautionary measures against static discharge.

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

Technical Measures: Containers which are opened should be properly resealed and kept upright to prevent leakage. Ensure adequate ventilation, especially in confined areas.

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

Incompatible Materials: Extremely high or low temperatures.

Heat and Ignition Sources: Do not smoke. Keep substance away from ignition sources and heat sources.

Mixed Storage: Keep away from food, drink and animal feeding stuffs.

SECTION 8: Exposure Controls / Personal Protection

8.1. Control Parameters

No additional information available.

8.2. Exposure Controls

Engineering Controls: Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal Protective Equipment: Gloves. Safety glasses. In case of dust production: protective goggles.



Hand Protection: Protective gloves. EN 374.

Eye Protection: Safety glasses. EN 166. Where excessive dust may result, wear goggles.

Skin and Body Protection: Wear suitable protective clothing. In case of dust production: dustproof clothing, head/neck protection.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment. Dust production: dust mask with filter type P1.

Environmental Exposure Controls: Avoid release to the environment.

Consumer Exposure Controls: Do not eat, drink or smoke during use. Always wash hands after handling the product. Avoid contact with skin and eyes. Avoid contact during pregnancy/while nursing.

SECTION 9: Physical and Chemical Properties

9.1. Basic Physical and Chemical Properties

Physical State	Liquid
Appearance	Viscous liquid
Colour	Brown
pH	1
Density	1.05 g/cm ³
Solubility (Water)	139 g/l
Flash Point	> 210 degC
Melting Point	Not applicable
Flammability	Not applicable
Odour Threshold	No data available
Boiling Point	No data available
Vapour Pressure	No data available
Explosive Properties	No data available
Oxidising Properties	No data 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. 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: Harmful if swallowed. ATE (SEA) oral: 1113.402 mg/kg bodyweight

Test	Value	Details
LD50 oral rat	1080 mg/kg bw	Animal: rat, Guideline: OECD 401 (Acute Oral Toxicity)

LD50 dermal rat	> 2000 mg/kg bw	Animal: rat, Guideline: OECD 402 (Acute Dermal Toxicity)
-----------------	-----------------	--

Skin Corrosion/Irritation: Causes severe skin burns and eye damage. pH: 1

Serious Eye Damage/Irritation: Causes serious eye damage. pH: 1

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.

Acute Aquatic Toxicity: Not classified

Chronic Aquatic Toxicity: Harmful to aquatic life with long lasting effects.

Test	Value	Details
LC50 fish 1	1.67 mg/l	Test organisms: Lepomis macrochirus
EC50 Daphnia 1	2.9 mg/l	Test organisms: Daphnia magna
NOEC (chronic)	1.18 mg/l	Test organisms: Daphnia magna, Duration: 21 days

12.2. Persistence and Degradability: No additional information available.

12.3. Bioaccumulative Potential: No additional information available.

12.4. Mobility in Soil: No additional information available.

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

12.6. Ozone: Not classified

SECTION 13: Disposal Considerations

13.1. Waste Treatment Methods

Regional Legislation (Turkey): Waste Management Regulation, Official Journal No. 29314, April 2, 2015.
Regulation on Incineration of Waste Materials, Official Journal No. 27721, October 6, 2010.

Waste Treatment Methods: Dispose of contents/container in accordance with licensed collector's sorting instructions. Do not remove as household garbage.

Sewage Disposal: Disposal must be done according to official regulations.

Additional Information: Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.

SECTION 14: Transport Information

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

Item	ADR	IMDG	IATA	ADN	RID
UN Number	3265	3265	N/A	3265	3265

UN Shipping Name	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	(Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts)	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
Hazard Class	8	8	N/A	8	8
Transport hazard class(es)			Not applicable		
Packing Group	III	III	N/A	III	III
Environmental Hazard	No	No / Marine pollutant: No	No	No	No

14.6. Special Precautions for User - Overland Transport (ADR)

Classification Code	C1
Special Provisions	274
Limited Quantities	0
Excepted Quantities	E0
Packing Instructions	P001
Mixed Packing Provisions	MP8, MP17
Tank Code	L10BH
Vehicle for Tank Carriage	AT
Transport Category	1
Kemler No.	88
Tunnel Restriction Code	E
Orange plates	

Transport by Sea (IMDG)

Special Provisions	274
Packing Instructions	P001
Tank Instructions	T14
EmS-No. (Fire)	F-A S-B

EmS-No. (Spillage)	S-B
Stowage Category	B
Stowage and Handling	SW2
Properties and Observations	Causes burns to skin, eyes and mucous membranes.

SECTION 15: Regulatory Information

15.1.1. National Regulations (Turkey)

- Regulation on Health and Safety Precautions When Working with Carcinogenic and Mutagenic Substances, Official Journal No. 28730, August 6, 2013.
- Regulation on Health and Safety Precautions When Working with Chemical Substances, Official Journal No. 28733, August 12, 2013.
- Regulation on Transportation of Dangerous Goods by Road, Official Journal No. 28801, October 24, 2013.
- Personal Protective Equipment Regulation, Official Journal No. 26361, November 29, 2006.
- Regulation on Use of Personal Protective Equipments in Workplaces, Official Journal No. 28695, July 2, 2013.
- Communiqué on Detergents and Surfactants Used in Detergents, Official Journal No. 27092, December 26, 2008.

This product does not contain any substances that are controlled or prohibited for use according to the Regulation for Reduction of Ozone Depleting Substances, Official Journal No. 27052, November 12, 2008.

SECTION 16: Other Information

Full Text of H-Statements

Code	Statement
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.

Key Abbreviations

Abbr.	Meaning
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
EC50	Median effective concentration
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose

NOEC	No-Observed Effect Concentration
PBT	Persistent Bioaccumulative Toxic
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative

Safety Data Sheet Author

Name: Amir Homsí

Certificate Number: 01.25.02

Contact: info@nova-plus.net

DISCLAIMER OF LIABILITY: The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.