



SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

CAR SHAMPOO

Creation date 03rd March 2017
Revision date 19th May 2023 Version 3.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1. Product identifier** CAR SHAMPOO
Substance / mixture mixture
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use
Concentrated shampoo with neutral pH, designed for manual cleaning car bodies. Creates thick foam and leaves shiny surface.
Mixture uses advised against
not available
- 1.3. Details of the supplier of the safety data sheet**
Manufacturer
Name or trade name TENZI Sp. z o.o.
Address Skarbimierzyce 20, Dołuje, 72-002
Poland
VAT Reg No PL8512583405
Phone +48 91 3119777
E-mail info@tenzi.pl
Web address www.tenzi.pl
- Competent person responsible for the safety data sheet**
Name technolog@tenzi.pl
E-mail technolog@tenzi.pl
- 1.4. Emergency telephone number**
European emergency number: 112

SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture**
Classification of the mixture in accordance with Regulation (EC) No 1272/2008
The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.
- 2.2. Label elements**
none
Supplemental information
5-<15 % anionic surfactants, perfumes
- 2.3. Other hazards**
The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

- 3.2. Mixtures**
Chemical characterization
Mixture of substances and additives specified below.
Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 68891-38-3 EC: 500-234-8 Registration number: 01-2119488639-16-XXXX	Sodium Lauryl Ether Sulfate	<5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412 Specific concentration limit: Eye Dam. 1, H318: C ≥ 10 % Eye Irrit. 2, H319: 5 % ≤ C < 10 %	



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Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 85536-14-7 EC: 287-494-3 Registration number: 01-2119490234-40-XXXX	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs	<1	Acute Tox. 4, H302 Skin Corr. 1C, H314 Aquatic Chronic 3, H412	

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

If inhaled

Terminate the exposure immediately; move the affected person to fresh air.

If on skin

Remove contaminated clothes.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person.

If swallowed

Rinse out the mouth with clean water. In the event of issues, find medical help.

4.2. Most important symptoms and effects, both acute and delayed

If inhaled

Not expected.

If on skin

Not expected.

If in eyes

Not expected.

If swallowed

Not expected.

4.3. Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Accommodate extinguishing components to the location of fire.

Unsuitable extinguishing media

not available

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Follow the instructions in the Sections 7 and 8.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

After removal of the product, wash the contaminated site with plenty of water.



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6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

Content	Packaging type	Material of package
770 ml	bottle	HDPE

Storage temperature min 5 °C, max 35 °C

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains no substances for which occupational exposure limits are set.

DNEL

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Dermal	170 mg/kg	Chronic effects local		karta charakterystyki
Workers	Inhalation	12 mg/m ³	Chronic effects local		karta charakterystyki
Workers	Inhalation	12 mg/m ³	Acute effects local		karta charakterystyki
Consumers	Dermal	85 mg/kg	Chronic effects local		karta charakterystyki
Consumers	Inhalation	3 mg/m ³	Chronic effects local		karta charakterystyki
Consumers	Oral	0.85 mg/kg	Chronic effects local		karta charakterystyki
	Inhalation	3 mg/m ³	Acute effects local		karta charakterystyki

Sodium Lauryl Ether Sulfate					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Dermal	2750 mg/kg	Chronic effects local		karta charakterystyki
Workers	Inhalation	175 mg/kg	Chronic effects local		karta charakterystyki
Consumers		1650 mg/kg	Chronic effects local		karta charakterystyki
Consumers	Inhalation	52 mg/m ³	Chronic effects local		karta charakterystyki
Consumers	Food chain	15 mg/m ³	Chronic effects local		karta charakterystyki



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PNEC

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs			
Route of exposure	Value	Value determination	Source
Drinking water	0.287 mg/l		karta charakterystyki
Marine water	0.0287 mg/l		karta charakterystyki
Water (intermittent release)	0.0167 mg/l		karta charakterystyki
Freshwater sediment	0.287 mg/kg		karta charakterystyki
Sea sediments	0.287 mg/kg		karta charakterystyki
Soil (agricultural)	35 mg/kg		karta charakterystyki
Microorganisms in sewage treatment	3.43 mg/l		karta charakterystyki

Sodium Lauryl Ether Sulfate			
Route of exposure	Value	Value determination	Source
Drinking water	0.24 mg/l		karta charakterystyki
Marine water	0.024 mg/l		karta charakterystyki
Freshwater sediment	5.45 mg/kg		karta charakterystyki
Sea sediments	0.545 mg/kg		karta charakterystyki
Microorganisms in sewage treatment	10 mg/l		karta charakterystyki
Soil (agricultural)	0.946 mg/kg		karta charakterystyki

8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

It is not needed.

Skin protection

When handling in long-term or repeatedly, use protective gloves.

Respiratory protection

It is not needed.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	green
Odour	data not available
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	data not available
Flammability	data not available
Lower and upper explosion limit	data not available
Flash point	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	9 (undiluted)
Kinematic viscosity	data not available
Viscosity	180
Viscosity - flow time	sekund



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Solubility in water soluble
Partition coefficient n-octanol/water (log value) data not available
Vapour pressure data not available
Density and/or relative density
Density data not available
Relative density 1.030 g/cm³ (+-) 0.020
Relative vapour density data not available
Particle characteristics data not available
Form green liquid

9.2. Other information

Evaporation rate data not available

SECTION 10: Stability and reactivity

10.1. Reactivity

not available

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

No toxicological data is available for the mixture.

Acute toxicity

Based on available data the classification criteria are not met.

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs								
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD ₅₀		1470 mg/kg		Rat (Rattus norvegicus)			karta charakt erystyki
Skin	LD ₅₀		2000 mg/kg		Rat			karta charakt erystyki

Sodium Lauryl Ether Sulfate								
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD ₅₀		>2000 mg/kg		Rat (Rattus norvegicus)			karta charakt erystyki
Skin	LD ₅₀		>2000 mg/kg		Rat (Rattus norvegicus)			karta charakt erystyki



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Sodium Lauryl Ether Sulfate								
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral (drinking water)	NOAEL	OECD 416	> 300 mg/kg		Rat (Rattus norvegicus)	F/M		karta charakt erystyki
Oral (drinking water)	NOAEL (F ₁)	OECD 416	> 300 mg/kg		Rat (Rattus norvegicus)	F/M	Reproduction	karta charakt erystyki
Oral	NOAEL	OECD 414	> 1000 mg/kg	10 days	Rat (Rattus norvegicus)			karta charakt erystyki
Oral	NOAEL	OECD 414	> 1000 mg/kg	10 days	Rat (Rattus norvegicus)	F		karta charakt erystyki
Oral	NOAEL	OECD 408	> 225 mg/kg	90 days	Rat (Rattus norvegicus)			karta charakt erystyki

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Serious eye damage/irritation

Based on available data the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Based on available data the classification criteria are not met.

Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

Based on available data the classification criteria are not met.

11.2. Information on other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 12: Ecological information

12.1. Toxicity

not available



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Acute toxicity

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs						
Parameter	Method	Value	Exposure time	Species	Environment	Source
LC ₅₀		>1-10 mg/l	96 hours	Fish		karta charakterystyki
EC ₅₀	OECD 202	>1-10 mg/l	48 hours	Crustaceans (Daphnia magna)		karta charakterystyki
NOEC		>4 mg/l	28 days	Algae and other aquatic plants		karta charakterystyki
LC ₅₀		>1000 mg/kg		Invertebrates		karta charakterystyki
EC ₅₀	OECD 208	167 mg/kg	21 days	Higher plants		karta charakterystyki
EC ₅₀	OECD 208	289 mg/kg	21 days	Higher plants		karta charakterystyki
EC ₅₀	OECD 208	316 mg/kg	21 days	Higher plants		karta charakterystyki

Sodium Lauryl Ether Sulfate						
Parameter	Method	Value	Exposure time	Species	Environment	Source
LD ₅₀	OECD 203	>1-10 mg/l	96 hours	Fish (Branchydanio rerio)		karta charakterystyki
NOEC		1.2 mg/l		Fish (Branchydanio rerio)		karta charakterystyki
EC ₅₀	OECD 202	>1-10 mg/l	48 hours	Other aquatic organisms (Daphnia magna)		karta charakterystyki
NOEC	OECD 211	>0.1-1.0 mg/l	21 days	Daphnia (Daphnia magna)		karta charakterystyki
EC ₅₀	OECD 201	>10-100 mg/l	72 hours	Algae (Desmodesmus subspicatus)		karta charakterystyki
EC ₁₀		10000 mg/l		Bacteria (Pseudomonas putida)		karta charakterystyki

Chronic toxicity

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs					
Parameter	Value	Exposure time	Species	Environment	Source
NOEC	>1-10 mg/l	32 days	Crustaceans		karta charakterystyki
NOEC	1 mg/l	28 days	Fish		karta charakterystyki



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12.2. Persistence and degradability

Surfactants are biodegradable according to the European Parliament and Council Regulation (EC) No. 648/2004 on detergents, as amended.

Biodegradability

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs				
Parameter	Value	Exposure time	Environment	Result
				Easily biodegradable

Sodium Lauryl Ether Sulfate				
Parameter	Value	Exposure time	Environment	Result
				Easily biodegradable

12.3. Bioaccumulative potential

Not available.

12.4. Mobility in soil

Not available.

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7. Other adverse effects

Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

Waste type code

07 06 04* other organic solvents, washing liquids and mother liquors

Packaging waste type code

15 01 02 plastic packaging

(*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

SECTION 14: Transport information

14.1. UN number or ID number

not subject to transport regulations

14.2. UN proper shipping name

not relevant

14.3. Transport hazard class(es)

not relevant

14.4. Packing group

not relevant



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14.5. Environmental hazards

No

14.6. Special precautions for user

Reference in the Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

not relevant

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

For mixture:

A Chemical Safety Assessment has not been carried out.

For the following substances, mixtures:

Sodium Lauryl Ether Sulfate: A Chemical Safety Assessment has been carried out

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs: the manufacturer has performed a chemical safety assessment

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EC ₁₀	Concentration of a substance when it is affected 10% of the population
EC ₅₀	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization



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INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC ₅₀	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD ₅₀	Lethal dose of a substance in which it can be expected death of 50% of the population
log K _{ow}	Octanol-water partition coefficient
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative
Acute Tox.	Acute toxicity
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Eye Dam.	Serious eye damage
Skin Corr.	Skin corrosion

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

The changes (which information has been added, deleted or modified)

The version 3.0 replaces the SDS version from 21.11.2022. Changes were made in sections 2, 13, 15 and 16.

More information

Classification procedure - calculation method.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.