



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

SPEC FOAM

Creation date 12th August 2021
Revision date Version 1.0

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

- 1.1. Product identifier** SPEC FOAM
Substance / mixture mixture
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use
Highly concentrated foam suitable for all parts of car's bodywork
- 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 classified as dangerous.

Skin Corr. 1, H314
Eye Dam. 1, H318

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

Most serious adverse effects on human health and the environment

Causes serious eye damage. Causes severe skin burns and eye damage.

- 2.2. Label elements**
Hazard pictogram



Signal word
Danger

Hazardous substances

D-glucopyranose, C8-10 alkyl glycosides oligomers
tetrasodium ethylene diamine tetraacetate
potassium hydroxide

Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

SPEC FOAM

Creation date	12th August 2021	Version	1.0
Revision date			

P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
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 call a POISON CENTER/doctor.
P405	Store locked up.
P501	Dispose of contents/container to properly labeled waste containers in accordance with national regulations.

Supplemental information

5-<15 % amphoteric surfactants, 5-<15 % non-ionic surfactants, <5 % anionic surfactants, <5 % EDTA and salts thereof

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
EC: 931-513-6 Registration number: 01-2119513359-38-XXXX	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C12-18 (even numbered) acyl) derivs., hydroxides, inner salts	<6	Eye Dam. 1, H318 Aquatic Chronic 3, H412 Specific concentration limit: Eye Dam. 1, H318: C > 10 % Eye Irrit. 2, H319: 4 % < C ≤ 10 %	
CAS: 68515-73-1 EC: 500-220-1 Registration number: 01-2119488530-36	D-glucopyranose, C8-10 alkyl glycosides oligomers	<5	Eye Dam. 1, H318	
Index: 607-428-00-2 CAS: 64-02-8 EC: 200-573-9 Registration number: 01-2119486762-27-XXXX	tetrasodium ethylene diamine tetraacetate	<3	Acute Tox. 4, H302+H332 Eye Dam. 1, H318 STOT RE 2, H373 (respiratory tract) (inhalation)	
CAS: 160901-09-7 Registration number: polimer	Alcohols, C9-11, branched and linear, 5-20TE ethoxylated	<1	Acute Tox. 4, H302 Eye Dam. 1, H318	
Index: 019-002-00-8 CAS: 1310-58-3 EC: 215-181-3 Registration number: 01-2119487136-33-XXXX	potassium hydroxide	<1	Met. Corr. 1, H290 Acute Tox. 4, H302 Skin Corr. 1A, H314 Specific concentration limit: Skin Irrit. 2, H315: 0,5 % ≤ C < 2 % Skin Corr. 1A, H314: C ≥ 5 % Skin Corr. 1B, H314: 2 % ≤ C < 5 % Eye Irrit. 2, H319: 0,5 % ≤ C < 2 %	

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



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

SPEC FOAM

Creation date	12th August 2021	Version	1.0
Revision date			

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. Provide medical treatment if irritation, dyspnoea or other symptoms persist.

If on skin

Remove contaminated clothes. Take off any rings, watches, bracelets before or during washing if worn in the contaminated areas of the skin. Rinse contaminated areas with a flow of water, lukewarm at best, for 10-30 minutes; do not use any brush, soap or neutralizers. Rinse skin with water or shower. Rinse cautiously with water for several minutes. Provide medical treatment if skin irritation persists.

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. No neutralization should be performed in any case! Rinsing should be continued for 10-30 minutes from the inner to the outer eye corner to make sure that the other eye is not involved. Depending on the situation, call medical rescue service or ensure medical treatment as promptly as possible.

If swallowed

DO NOT INDUCE VOMITING! Even the induced vomiting can cause complications as in case of detergents and other foaming substances.

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

If inhaled

Inhaling vapours can cause corrosion of the breathing system.

If on skin

Causes severe skin burns.

If in eyes

Causes serious eye damage.

If swallowed

Corrosion of the digestion system can occur.

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

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

Unsuitable extinguishing media

Water - full jet.

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

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. 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

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Do not inhale aerosols. Prevent contact with skin and eyes.

6.2. Environmental precautions

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



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

SPEC FOAM

Creation date	12th August 2021	Version	1.0
Revision date			

6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent formation of gases and vapours in concentrations exceeding the occupational exposure limits. Do not inhale aerosols. Prevent contact with skin and eyes. Wash hands and exposed parts of the body thoroughly after 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 a tightly closed, original plastic container (high density polyethylene HDPE). Store this product in a dry environment that will be maintained at 5°C - 35°C temperature with a good ventilation system and an easy washable, nonabsorbable alkaline resistant floor. DO NOT expose the product to sunlight and keep away from heat, frost, sparks, flame and source of ignition.

Content	Packaging type	Material of package
20 l	jerry can	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 substances for which occupational exposure limits are set.

DNEL

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C12-18(even numbered) acyl) derivs., hydroxides, inner salts

Workers / consumers	Route of exposure	Value	Effect	Determining method	Source
Workers	Dermal	12.5 mg/kg bw/day			SDS
Workers	Inhalation	44 mg/m ³ /8h			SDS
Consumers	Dermal	7.5 mg/kg bw/day			SDS
Consumers	Oral	7.5 mg/kg bw/day			SDS

tetrasodium ethylene diamine tetraacetate

Workers / consumers	Route of exposure	Value	Effect	Determining method	Source
Workers	Inhalation	1.5 mg/m ³	Local chronic effects		SDS

PNEC

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C12-18(even numbered) acyl) derivs., hydroxides, inner salts

Route of exposure	Value	Determining method
Drinking water	0.0135 mg/l	
Seawater	0.00135 mg/l	
Sea sediments	1 mg/kg	
Soil (agricultural)	0.805 mg/kg	



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

SPEC FOAM

Creation date 12th August 2021
Revision date Version 1.0

tetrasodium ethylene diamine tetraacetate

Route of exposure	Value	Determining method
Drinking water	2.86 mg/l	
Seawater	0.286 mg/l	
Water (intermittent release)	1.56 mg/l	
Soil (agricultural)	0.937 mg/kg	
Microorganisms in wastewater treatment plants	55.94 mg/l	

8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. 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

Protective goggles or face shield (based on the nature of the work performed).

Skin protection

Hand protection: Protective gloves resistant to the product. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Observe other recommendations of the manufacturer. Other protection: protective workwear. Contaminated skin should be washed thoroughly.

Respiratory protection

Under regular circumstances it is not necessary.

Thermal hazard

Data 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	brown
Odour	Characteristic for the materials used
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	14 (undiluted)
Kinematic viscosity	data not available
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	1,050 - 1,090 g/cm ³
Relative vapour density	data not available
Particle characteristics	data not available
Form	

9.2. Other information

not available

SECTION 10: Stability and reactivity

10.1. Reactivity

not available



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

SPEC FOAM

Creation date 12th August 2021
Revision date Version 1.0

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

ATE mix = 18669 mg/kg - oral

ATE mix = 59 mg/l - inhalation

Based on available data the classification criteria are not met.

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C12-18(even numbered) acyl) derivs., hydroxides, inner salts

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Determining method	Source
Skin	LD ₅₀		>620 mg/kg		Rat (Rattus norvegicus)	F/M	Based on evidence	karta charakt erystyki
Oral	LD ₅₀		2430 mg/kg		Rat (Rattus norvegicus)	F/M	Based on evidence	karta charakt erystyki

Alcohols, C9-11, branched and linear, 5-20TE ethoxylated

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Determining method	Source
Oral	LD ₅₀		>1200 mg/kg		Rat			karta charakt erystyki

D-glucopyranose, C8-10 alkyl glycosides oligomers

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Determining method	Source
Oral	LD ₅₀		>2000 mg/kg		Rat (Rattus norvegicus)			karta charakt erystyki

potassium hydroxide

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Determining method	Source
Oral	LD ₅₀		273 mg/kg		Rat			

tetrasodium ethylene diamine tetraacetate

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Determining method	Source
Oral	LD ₅₀	OECD 401	1780 mg/kg		Rat (Rattus norvegicus)			SDS
Inhalation	LC ₅₀	OECD 412	>1-5 mg/l	4 hour	Rat (Rattus norvegicus)		Analogous approach	SDS



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

SPEC FOAM

Creation date 12th August 2021
Revision date Version 1.0

Skin corrosion/irritation

Causes severe skin burns.

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C12-18(even numbered) acyl) derivs., hydroxides, inner salts

Route of exposure	Result	Time of exposure	Species	Determining method	Source
	Not irritating			Based on evidence	karta charakterystyki

D-glucopyranose, C8-10 alkyl glycosides oligomers

Route of exposure	Result	Time of exposure	Species	Determining method	Source
	Slightly irritating				karta charakterystyki

Serious eye damage/irritation

Causes serious eye damage.

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C12-18(even numbered) acyl) derivs., hydroxides, inner salts

Route of exposure	Result	Time of exposure	Species	Determining method	Source
	Serious eye damage			Based on evidence	karta charakterystyki

Alcohols, C9-11, branched and linear, 5-20TE ethoxylated

Route of exposure	Result	Time of exposure	Species	Determining method	Source
	Serious eye damage		Rabbit		karta charakterystyki

D-glucopyranose, C8-10 alkyl glycosides oligomers

Route of exposure	Result	Time of exposure	Species	Determining method	Source
	Serious eye damage				karta charakterystyki

Sensitization

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C12-18(even numbered) acyl) derivs., hydroxides, inner salts

Route of exposure	Result	Method	Time of exposure	Species	Sex	Determining method	Source
Skin	No effect	OECD 406		Guinea-pig (Cavia aperea f. porcellus)		Based on evidence	karta charakterystyki

Respiratory or skin sensitisation

Based on available data the classification criteria are not met.



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

SPEC FOAM

Creation date 12th August 2021
Revision date Version 1.0

Mutagenicity

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C12-18(even numbered) acyl) derivs., hydroxides, inner salts

Result	Method	Time of exposure	Specific target organ	Species	Sex	Determining method	Source
Negative	OECD 471					Based on evidence	karta charakt erystyki
Negative	OECD 476					Based on evidence	karta charakt erystyki
Negative	OECD 474					Based on evidence	karta charakt erystyki

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

not available

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

Data for the mixture are not available.

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C12-18(even numbered) acyl) derivs., hydroxides, inner salts

Parameter	Method	Value	Time of exposure	Species	Environment	Determining method	Source
EC ₅₀	OECD 202	1.9 mg/l	48 hour	Daphnia (Daphnia magna)		Based on evidence	karta charakte rystyki
ErC ₅₀		2.4 mg/kg	72 hour	Algae and other aquatic plants		Indicator of growth	karta charakte rystyki
ErC ₅₀		7 mg/l	72 hour	Daphnia (Daphnia magna)		Indicator of growth	karta charakte rystyki



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

SPEC FOAM

Creation date

12th August 2021

Revision date

Version

1.0

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C12-18(even numbered) acyl) derivs., hydroxides, inner salts

Parameter	Method	Value	Time of exposure	Species	Environment	Determining method	Source
LC ₅₀	OECD 203	1.11 mg/l	96 hour	Fishes (Oncorhynchus mykiss)			karta charakterystyki

tetrasodium ethylene diamine tetraacetate

Parameter	Method	Value	Time of exposure	Species	Environment	Determining method	Source
LC ₅₀		>100 mg/l	96 hour	Fishes			SDS
EC ₅₀		140 mg/l	48 hour	Daphnia (Daphnia magna)			SDS
EC ₅₀		>100 mg/l	72 hour	Algae			SDS

Chronic toxicity

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C12-18(even numbered) acyl) derivs., hydroxides, inner salts

Parameter	Method	Value	Time of exposure	Species	Environment	Determining method	Source
EC ₅₀		3000 mg/l	16 hour	Bacteria (Salmonella typhimurium)		Based on evidence	karta charakterystyki
NOEC	OECD 211	0.3 mg/l	21 day	Daphnia (Daphnia magna)		Based on evidence	karta charakterystyki
NOEC	OECD 210	0.135 mg/l	100 day	Fishes (Oncorhynchus mykiss)		Based on evidence	karta charakterystyki
NOEC _r		0.6 mg/l	72 hour	Algae and other aquatic plants		Based on evidence	karta charakterystyki

tetrasodium ethylene diamine tetraacetate

Parameter	Method	Value	Time of exposure	Species	Environment	Determining method	Source
NOEC	OECD 210	>25.7 mg/l	35 day	Fishes		Analogous approach	SDS
NOEC		>25 mg/l	21 day	Daphnia (Daphnia magna)			SDS

12.2. Persistence and degradability

Biodegradability

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C12-18(even numbered) acyl) derivs., hydroxides, inner salts

Parameter	Method	Value	Time of exposure	Environment	Determining method	Result	Source
		95 %	28 day		Based on evidence	Easily biodegradable	karta charakterystyki
		80-90 %	60 day		Based on evidence	Easily biodegradable	karta charakterystyki



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

SPEC FOAM

Creation date 12th August 2021
Revision date Version 1.0

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C12-18(even numbered) acyl) derivs., hydroxides, inner salts

Parameter	Method	Value	Time of exposure	Environment	Determining method	Result	Source
	OECD 306	75 %	28 day		Based on evidence	Easily biodegradable	karta charakterystyki

Alcohols, C9-11, branched and linear, 5-20TE ethoxylated

Parameter	Method	Value	Time of exposure	Environment	Determining method	Result	Source
	OECD 301F	76 %	28 day			Easily biodegradable	karta charakterystyki

D-glucopyranose, C8-10 alkyl glycosides oligomers

Parameter	Method	Value	Time of exposure	Environment	Determining method	Result	Source
						Biodegradable	karta charakterystyki

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

12.3. Bioaccumulative potential

Data not available.

12.4. Mobility in soil

Data 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

not available

12.7. Other adverse effects

Data 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

UN 1719



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

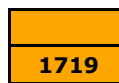
SPEC FOAM

Creation date 12th August 2021
Revision date Version 1.0

- 14.2. UN proper shipping name**
CAUSTIC ALKALI LIQUID, N.O.S. (potassium hydroxide)
- 14.3. Transport hazard class(es)**
8 Corrosive substances
- 14.4. Packing group**
III - substances presenting low danger
- 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

Additional information

Hazard identification No.
UN number
Safety signs



8



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 of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as amended.

15.2. Chemical safety assessment

Chemical safety assessment has not been carried out for the mixture.
Propanaminium, 3-amino-N-(carboxymethyl)-N, N-dimethyl-, N-(C12-18) acyl derivatives, hydroxides, inner salts, water solution: A Chemical Safety Assessment has been carried out
D-glucopyranose, C8-10 alkyl glycosides oligomers: the manufacturer has performed a chemical safety assessment
Alcohols, C9-11, branched and linear, 5-20TE ethoxylated: not applicable
potassium hydroxide: A Chemical Safety Assessment has been carried out.
Tetrasodium ethylene diamine tetraacetate: the manufacturer has performed a chemical safety assessment

SECTION 16: Other information

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

H290	May be corrosive to metals.
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.
H373	May cause damage to the respiratory tract through prolonged or repeated exposure if inhaled.
H412	Harmful to aquatic life with long lasting effects.
H302+H332	Harmful if swallowed or if inhaled.



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

SPEC FOAM

Creation date 12th August 2021
Revision date Version 1.0

Guidelines for safe handling used in the safety data sheet

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
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 call a POISON CENTER/doctor.
P501 Dispose of contents/container to properly labeled waste containers in accordance with national regulations.
P405 Store locked up.

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
DNEL Derived no-effect level
EC Identification code for each substance listed in EINECS
EC₅₀ 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
INCI International Nomenclature of Cosmetic Ingredients
ISO International Organization for Standardization
IUPAC International Union of Pure and Applied Chemistry
LC₅₀ Lethal concentration of a substance in which it can be expected death of 50% of the population
LD₅₀ Lethal dose of a substance in which it can be expected death of 50% of the population
log Kow Octanol-water partition coefficient
MARPOL International Convention for the Prevention of Pollution from Ships
NOEC No observed effect concentration
OEL Occupational Exposure Limits
PBT Persistent, Bioaccumulative and Toxic
PNEC Predicted no-effect concentration
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



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

SPEC FOAM

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Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
Met. Corr.	Corrosive to metals
Skin Corr.	Skin corrosion
Skin Irrit.	Skin irritation
STOT RE	Specific target organ toxicity - repeated exposure

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.

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.