

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

SAPONE DEZ EXTRA

Creation date 22nd June 2016 Revision date 26th February 2021

Version 2.0

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

I.1. Product identifier SAPONE DEZ EXTRA

Substance / mixture mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

Mixture's intended use

Soap for hygienic hand disinfection. Dermatologically tested. Permission for trading PB - 7303/18

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

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.

Eye Irrit. 2, H319 Aquatic Chronic 3, H412

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 irritation. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram



Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

Supplemental information



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

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<5 % cationic surfactants, <5 % non-ionic surfactants

2.3. Other hazards

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: 110615-47-9 EC: 600-975-8 Registration number: 17-2119948606-28- XXXX	C12-14 alkyl-D-glucopyranoside, lauryl glucoside aqueous solution	<1	Skin Irrit. 2, H315 Eye Dam. 1, H318	
CAS: 68424-85-1 EC: 270-325-2 Registration number: 01-2119965180-41	Alkyl (C12-16) dimethyl benzyl ammonium chloride (ADBAC/BKC (C12-16)) (active substance)	≤0,5	Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)	
CAS: 79-33-4 EC: 201-196-2 Registration number: 01-2119474164-39- XXXX	lactic acid (80%)	<0,4	Skin Irrit. 2, H315 Eye Dam. 1, H318 Specific concentration limit: Skin Irrit. 2, H315: $C \ge 10$ % Eye Dam. 1, H318: $C \ge 3$ % Eye Irrit. 2, H319: $1 \% \le C < 3$ %	

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

Not expected.

If on skin

Not expected.

If in eyes

Rinsing should continue at least for 15 minutes. Provide medical treatment, specialized if possible.

If swallowed

DO NOT INDUCE VOMITING! Rinse out the mouth with water and provide a lot of water. In case of disturbing symptoms (abdominal pain, nausea) consult a doctor, show the label where possible.

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

If inhaled

Not expected.

If on skin

Not expected.

If in eyes

Causes serious eye irritation.

If swallowed

Irritation, nausea.

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

Symptomatic treatment.



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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. 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

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

Observe valid legal regulations on safety and health protection. Avoid release to the environment.

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.

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.



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DNEL

Alkyl (C12-16) dimethyl benzyl ammonium chloride (ADBAC/BKC (C12-16)) (active substance)

Workers / consumers	Route of exposure	Value	Effect	Determining method
Workers	Inhalation	3.96 mg/m ³	Systemic chronic effects	
Workers	Dermal	5.7 mg/kg bw/day	Systemic chronic effects	
Consumers	Inhalation	1.64 mg/m ³	Systemic chronic effects	
Consumers	Dermal	3.4 mg/kg bw/day	Systemic chronic effects	
Consumers	Oral	3.4 mg/kg bw/day	Systemic chronic effects	

C12-14 alkyl-D-glucopyranoside, lauryl glucoside aqueous solution

Workers / consumers	Route of exposure	Value	Effect	Determining method
Workers	Inhalation	420 mg/m ³	Systemic chronic effects	
Workers	Dermal	595000 mg/kg bw/day	Systemic chronic effects	
Consumers	Inhalation	124 mg/m ³	Systemic chronic effects	
Consumers	Dermal	357000 mg/kg bw/day	Systemic chronic effects	
Consumers	Oral	35.7 mg/kg bw/day	Systemic chronic effects	

PNEC

Alkyl (C12-16) dimethyl benzyl ammonium chloride (ADBAC/BKC (C12-16)) (active substance)

Route of exposure	Value	Determining method
Drinking water	0.0009 mg/l	
Seawater	0.00009 mg/l	
Water (intermittent release)	0.00016 mg/l	
Freshwater sediment	0.267 mg/kg of dry substance	
Sea sediments	0.0267 mg/kg of dry substance	

C12-14 alkyl-D-glucopyranoside, lauryl glucoside aqueous solution

Route of exposure	Value	Determining method
Drinking water	0.176 mg/l	
Seawater	0.018 mg/l	
Freshwater sediment	1.516 mg/kg bw/day	
Sea sediments	0.065 mg/kg	

8.2. Exposure controls

It is not needed.

Eye/face protection

It is not needed.

Skin protection

It is not needed.

Respiratory protection

It is not needed.

Thermal hazard

Data not available.

Environmental exposure controls

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



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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state liquid Color colourless

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 data not available Flash point Auto-ignition temperature data not available Decomposition temperature data not available 5 (undiluted at 20 °C) рΗ 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 data not available Relative density 0,997 g/cm3 (+-) 0,020

9.2. Other information

Dermatological tests: does not show irritating and sensitizing properties

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.

Alkyl (C12-16) dimethyl benzyl ammonium chloride (ADBAC/BKC (C12-16)) (active substance)

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Source
Oral	LD50	OECD 401	>300-2000 mg/kg		Rat (Rattus norvegicus)		karta charakter ystyki



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C12-14 alkyl-D-glucopyranoside, lauryl glucoside aqueous solution

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Source
Oral	LD50	OECD 402	>5000 mg/kg		Rat (Rattus norvegicus)		karta charakter ystyki
Dermal	LD50		>2000 mg/kg		Rabbit		karta charakter ystyki

lactic acid (80%)

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Source
Oral	LD50		3730 mg/kg		Rat		
Inhalation	LC50		5 mg/kg				
Dermal	LD50		>2000 mg/kg		Rabbit		

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Alkyl (C12-16) dimethyl benzyl ammonium chloride (ADBAC/BKC (C12-16)) (active substance)

Route of exposure	Result	Time of exposure	Species	Source
	Corrosive		Rabbit	karta charakterystyki

C12-14 alkyl-D-glucopyranoside, lauryl glucoside aqueous solution

Route of exposure	Result	Time of exposure	Species	Source
	Irritating		Rat	karta charakterystyki

lactic acid (80%)

Route of exposure	Result	Time of exposure	Species	Source
	Irritating			

Serious eye damage/irritation

Causes serious eye irritation.

C12-14 alkyl-D-glucopyranoside, lauryl glucoside aqueous solution

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

lactic acid (80%)

Route of exposure	Result	Time of exposure	Species	Source
	Serious eye damage			



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Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

Alkyl (C12-16) dimethyl benzyl ammonium chloride (ADBAC/BKC (C12-16)) (active substance)

Route of exposure	Result	Method	Time of exposure	Species	Sex	Source
	Negative	OECD 406		Guinea-pig		karta charakterys tyki

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Alkyl (C12-16) dimethyl benzyl ammonium chloride (ADBAC/BKC (C12-16)) (active substance)

Result	Method	Time of exposure	Specific target organ	Species	Sex	Source
Negative	OECD 471			Rat		karta charakter ystyki

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

Harmful to aquatic life with long lasting effects.

Alkyl (C12-16) dimethyl benzyl ammonium chloride (ADBAC/BKC (C12-16)) (active substance)

Parameter	Method	Value	Time of exposure	Species	Environme nt	Source
LC50		>0.1-1 mg/l	96 hour	Fishes		karta charakter ystyki
EC50		>0.01-0.1 mg/kg	48 hour	Daphnia (Daphnia magna)		karta charakter ystyki
IC50		>0.01-0.1 mg/l	72 hour	Algae (Selenastrum capricornutum)		karta charakter ystyki



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Alkyl (C12-16) dimethyl benzyl ammonium chloride (ADBAC/BKC (C12-16)) (active substance)

Parameter	Method	Value	Time of exposure	Species	Environme nt	Source
NOEC	OECD 201	>0.001-0.01 mg/l		Algae (Pseudokirchneriell a subcapitata)		karta charakter ystyki

2.0

C12-14 alkyl-D-glucopyranoside, lauryl glucoside aqueous solution

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Parameter	Method	Value	Time of exposure	Species	Environme nt	Source
LC50		2.95 mg/l	96 hour	Fishes		karta charakter ystyki
EC50		>7 mg/l	48 hour	Daphnia (Daphnia magna)		karta charakter ystyki

lactic acid (80%)

Parameter	Method	Value	Time of exposure	Species	Environme nt	Source
EC50		240 mg/l	48 hour	Daphnia (Daphnia magna)		
LC50		320 mg/l	48 hour	Fishes (Oncorhynchus mykiss)		
EC50		3500 mg/l	V	Algae (Selenastrum capricornutum)	R	

Chronic toxicity

C12-14 alkyl-D-glucopyranoside, lauryl glucoside aqueous solution

Parameter	Value	Time of exposure	Species	Environment	Source
NOEC	>1.8 mg/l	28 day	Fishes		karta charakteryst yki
NOEC	1 mg/l	21 day	Daphnia (Daphnia magna)		karta charakteryst yki

12.2. Persistence and degradability

Biodegradability

Alkyl (C12-16) dimethyl benzyl ammonium chloride (ADBAC/BKC (C12-16)) (active substance)

Parameter	Method	Value	Time of exposure	Environment	Result	Source
	OECD 301D				Easily biodegradable	karta charaktery styki

C12-14 alkyl-D-glucopyranoside, lauryl glucoside aqueous solution

Parameter	Method	Value	Time of exposure	Environment	Result	Source
		88 %	28 day		Easily biodegradable	karta charaktery styki



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lactic acid (80%)

Parameter	Method	Value	Time of exposure	Environment	Result	Source
					Easily biodegradable	

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

12.3. Bioaccumulative potential

Data not available.

12.4. Mobility in soil

C12-14 alkyl-D-glucopyranoside, lauryl glucoside aqueous solution

Parameter	Value	Environment	Surrounding temperature	Source
Log Koc	1.7		25°C	karta charakterystyki

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.

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 ADR

14.2. UN proper shipping name

not available

14.3. Transport hazard class(es)

not available

14.4. Packing group

not available

14.5. Environmental hazards

No



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14.6. Special precautions for user

Reference in the Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

not available

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 (EC) 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 ammended.

15.2. Chemical safety assessment

Chemical safety assessment has not been carried out for the mixture.

Lactic acid: the manufacturer has performed a chemical safety assessment

Alkyl (C12-16) dimethyl benzyl ammonium chloride (ADBAC/BKC (C12-16)): the manufacturer has performed a chemical safety assessment

C12-14 alkyl-D-glucopyranoside, lauryl glucoside aqueous solution: A Chemical Safety Assessment has not been carried out

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.
H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Guidelines for safe handling used in the safety data sheet

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

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



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IC50 Concentration causing 50% blockade
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

LOAEC Lowest observed adverse effect concentration

LOAEL Lowest observed adverse effect level log Kow Octanol-water partition coefficient

MARPOL International Convention for the Prevention of Pollution From Ships

NOAEC No observed adverse effect concentration

NOAEL No observed adverse effect level NOEC No observed effect concentration

NOEL No observed effect level
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

Aquatic Acute Hazardous to the aquatic environment

Aquatic Chronic Hazardous to the aquatic environment (chronic)

Eye Dam. Serious eye damage
Eye Irrit. Eye irritation
Skin Corr. Skin corrosion
Skin Irrit. Skin irritation

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)

General update

More information

Classification procedure - calculation method. Classification procedure - based on the results of dermatological tests.

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.



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