

SAFETY DATA SHEET



legal basis:
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 (REACH)

Example product

Creation date	28th July 2025	Version	1
Revision date			

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

- 1.1. Product identifier**
Substance / mixture
UFI
Example product
mixture
J200-U0CW-600M-Q43P
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use
A preparation for manual washing of kitchen utensils.
Mixture uses advised against
The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**
Supplier
Name or trade name
Address
Phone
E-mail
Pro-Perfekt
Sielawy 21G/42, Poznań, 61-619
Poland
662011087
biuro@properfekt-msds.pl
Competent person responsible for the safety data sheet
Name
E-mail
Pro-Perfekt
biuro@properfekt-msds.pl
- 1.4. Emergency telephone number**
+48 662011087 (8-16)
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

Most serious adverse effects on human health and the environment

Causes serious eye irritation.

- 2.2. Label elements**
Hazard pictogram



Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

P102	Keep out of reach of children.
P264	Wash hands and exposed parts of the body thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
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

Composition according to (EC) No 648/2004, as amended: <5 % anionic surfactants, <5 % amphoteric surfactants

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2.3. Other hazards

The endocrine-disrupting properties of the mixture have not been studied. 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. Does not contain any PMT or vPvM components.

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: 68411-30-3 EC: 270-115-0 Registration number: 01-2119489428-22	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	<2.5	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318	
CAS: 61789-40-0 EC: 931-296-8	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	<2.5	Eye Irrit. 2, H319	
CAS: 160901-19-9 EC: 931-954-4 Registration number: polimer	Alcohols, C12-13-branched and linear, ethoxylated	<2.5	Acute Tox. 4, H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412 Specific concentration limit: Eye Dam. 1, H318: C ≥ 10 % Eye Irrit. 2, H319: 1 % ≤ C < 10 %	

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 relevant due to the application.

If on skin

Take off contaminated clothing. Wash the affected area with plenty of water, lukewarm if possible. 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. Rinsing should continue at least for 10 minutes. Provide medical treatment, specialized if 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

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.

More information

Other relevant information is not available.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Product is non-flammable under normal conditions of storage and use. Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

Unsuitable extinguishing media

Water 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. Prevent contact with skin and eyes.

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

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

7.3. Specific end use(s)

Apart from the already mentioned guidelines, it is not necessary to follow any specific recommendations for the use of this product.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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

DNEL

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts			
Workers / consumers	Route of exposure	Value	Effect
Workers	Inhalation	44 mg/m ³	Chronic effects systemic
Consumers	Inhalation	13.04 mg/m ³	Chronic effects systemic
Workers	Dermal	12.5 mg/kg bw/day	Chronic effects systemic
Consumers	Dermal	7.5 mg/kg bw/day	Chronic effects systemic

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Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts			
Workers / consumers	Route of exposure	Value	Effect
Workers	Dermal	170 mg/kg bw/day	Chronic effects local
Workers	Inhalation	12 mg/m ³	Chronic effects local
Consumers	Oral	0.85 mg/kg bw/day	Chronic effects local
Consumers	Dermal	85 mg/kg bw/day	Chronic effects local
Consumers	Inhalation	3 mg/m ³	Chronic effects local

PNEC

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	
Route of exposure	Value
Drinking water	0.013 mg/l
Marine water	0.001 mg/l
Microorganisms in sewage treatment	3000 mg/l
Soil (agricultural)	0.85 mg/kg of dry substance
Freshwater sediment	11.1 mg/kg
Marine water	1.11 mg/kg

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	
Route of exposure	Value
Drinking water	0.268 mg/l
Marine water	0.0268 mg/l
Freshwater sediment	8.1 mg/kg
Microorganisms in sewage treatment	3.43 mg/kg

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

Under normal conditions of use, it is not required.

Skin protection

Not required for normal use.

Respiratory protection

Under normal conditions of use, it is not required.

Thermal hazard

Unknown.

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	colourless
color intensity	transparent
Odour	characteristic of the fragrance used
Melting point/freezing point	0 °C
Boiling point or initial boiling point and boiling range	100 °C
Flammability	non-inflammable
Lower and upper explosion limit	not determined

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Flash point	>60 °C
Auto-ignition temperature	not applicable
Decomposition temperature	not applicable
pH	6.5-8 (undiluted)
Kinematic viscosity	not determined
Solubility in water	completely miscible
Partition coefficient n-octanol/water (log value)	does not apply to mixtures
Vapour pressure	not determined
Density and/or relative density	
Density	1-1.05 g/cm³ at 20 °C
Relative vapour density	not determined
Particle characteristics	not applicable

9.2. Other information

none

SECTION 10: Stability and reactivity

10.1. Reactivity

When used in the standard way, there is not any dangerous reaction with other substances.

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.

Example product						
Route of exposure	Parameter	Value	Exposure time	Species	Sex	Source
Oral	ATEmix	20080.32 mg/kg				metoda obliczeniowa
Dermal	ATEmix	>2000 mg/kg				metoda obliczeniowa
Inhalation	ATEmix	>20 mg/l	4 hours			metoda obliczeniowa

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts						
Route of exposure	Parameter	Value	Exposure time	Species	Sex	Source
Oral	LD ₅₀	2335 mg/kg		Rat	F/M	
Oral	NOEL	300 mg/kg		Rat		

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Alcohols, C12-13-branched and linear, ethoxylated

Route of exposure	Parameter	Value	Exposure time	Species	Sex	Source
Oral	LD ₅₀	300-2000 mg/kg		Rat		
Dermal	LD ₅₀	>2000 mg/kg		Rabbit		

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

Route of exposure	Parameter	Value	Exposure time	Species	Sex	Source
Dermal	LD ₅₀	>2000 mg/kg		Rat		
Oral	LD ₅₀	1080 mg/kg		Rat		

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Serious eye damage/irritation

Causes serious eye irritation.

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

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.

Other information

not available

SECTION 12: Ecological information

12.1. Toxicity

It is not expected to be harmful to the aquatic environment.

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Acute toxicity

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts				
Parameter	Value	Exposure time	Species	Environment
LC ₅₀	1.1 mg/l	96 hours	Fish (Pimephales promelas)	Salt water
LC ₅₀	1.11 mg/l	96 hours	Fish (Pimephales promelas)	Fresh water

Alcohols, C12-13-branched and linear, ethoxylated				
Parameter	Value	Exposure time	Species	Environment
LC ₅₀	1-10 mg/l	96 hours	Fish (Poecilia reticulata)	
EC ₅₀	1-10 mg/l	48 hours	Crustaceans (Daphnia magna)	
EC ₅₀	1-10 mg/l	72 hours	Algae (Scenedesmus subspicatus)	

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts				
Parameter	Value	Exposure time	Species	Environment
LC ₅₀	1.67 mg/l	96 hours	Fish (Lepomis macrochirus)	
EC ₅₀	2.9 mg/l	48 hours	Daphnia (Daphnia magna)	
EC ₅₀	29 mg/l	96 hours	Algae (Pseudokirchneriella subcapitata)	

12.2. Persistence and degradability

There are no ecotoxicological data available for the product. The mixture is biodegradable.

Biodegradability

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts					
Parameter	Value	Exposure time	Environment	Result	Source
	76.3 %	28 days		Easily biodegradable	EEC C.4-E

Alcohols, C12-13-branched and linear, ethoxylated					
Parameter	Value	Exposure time	Environment	Result	Source
	70 %				

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts					
Parameter	Value	Exposure time	Environment	Result	Source
	64.1 %	28 days		Easily biodegradable	EU EEC C.4-E

12.3. Bioaccumulative potential

There are no ecotoxicological data available for the product.

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	
Parameter	Value
BCF	71
Log Pow	-1.38

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	
Parameter	Value
Log Pow	>1

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12.4. Mobility in soil

There are no ecotoxicological data available for the product.

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	
Parameter	Value
Koc	3.4 mg/kg

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

Unknown.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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 dispose 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. Ein Behälter ohne Produktrückstände kann als ungefährlicher Abfall behandelt werden.

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

20 01 29* detergents containing hazardous substances

Packaging waste type code

15 01 01 paper and cardboard packaging

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

14.5. Environmental hazards

not relevant

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

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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).

National regulations (Germany)

WGK Water hazard class: WGK 1 - slightly hazardous to water

15.2. Chemical safety assessment

For mixtures, a chemical safety assessment is not required.

SECTION 16: Other information

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

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

Guidelines for safe handling used in the safety data sheet

P102	Keep out of reach of children.
P264	Wash hands and exposed parts of the body thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
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

Acute Tox.	Acute toxicity
ADR	Agreement concerning the international carriage of dangerous goods by road
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
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 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
Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
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
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry

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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
NOEL	No observed effect level
OEL	Occupational Exposure Limits
PBT	Persistent, bioaccumulative and toxic
PMT	Persistent, mobile and toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
Skin Irrit.	Skin irritation
UN number	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
vPvM	Very persistent and very mobile

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

Uses advised against: Any type of use not listed in this Safety Data Sheet.

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.

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

Version 1.

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.