

SAFETY DATA SHEET

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

Soap mass with goat's milk

Creation date	30th April 2024	Version	1.0
Revision date			

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

- 1.1. Product identifier**
Substance / mixture Soap mass with goat's milk mixture
Number 48207
UFI ETG9-446F-C007-6EW8
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use
Soap base for home use.
The use descriptors
C Consumer use
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**
Distributor
Name or trade name Manumi Crafts s.r.o.
Address Třebohostická 564/9, Praha, 10000
Czech Republic
Identification number (CRN) 24260452
VAT Reg No CZ24260452
Phone +420 228 229 103
E-mail info@manumi.cz
Web address www.manumi.cz
- 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

Most serious adverse effects on human health and the environment

Causes serious eye irritation.

- 2.2. Label elements**
Hazard pictogram

**Signal word**

Warning

Hazardous substancesAlcohols, C12-14, ethoxylated, sulfates, sodium salts
Lauric acid
sodium hydroxide**Hazard statements**

H319 Causes serious eye irritation.

Precautionary statements

P264 Wash hands and exposed parts of the body thoroughly after handling.
P280 Wear protective gloves/eye 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.
P312 Call a POISON CENTER/doctor if you feel unwell.

Supplemental information



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15-<30 % soap, 5-<15 % anionic surfactants

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. Dust may form explosive mixture with air.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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: 7732-18-5 EC: 231-791-2	AQUA	25-35	not classified as dangerous	
CAS: 56-81-5 EC: 200-289-5	glycerol	20-25	not classified as dangerous	
CAS: 57-55-6 EC: 200-338-0	Propane-1,2-diol	14-18	not classified as dangerous	
CAS: 57-11-4 EC: 200-313-4	kyselina stearová	11-16	not classified as dangerous	
CAS: 68891-38-3 EC: 500-234-8	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	>5-<10	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412	
CAS: 143-07-7 EC: 205-582-1	Lauric acid	3-7	Eye Dam. 1, H318	
Index: 011-002-00-6 CAS: 1310-73-2 EC: 215-185-5	sodium hydroxide	2,5-3,5	Skin Corr. 1A, H314 Specific concentration limit: Skin Corr. 1B, H314: 2 % ≤ C < 5 % Skin Corr. 1A, H314: C ≥ 5 % Eye Irrit. 2, H319: 0.5 % ≤ C < 2 % Skin Irrit. 2, H315: 0.5 % ≤ C < 2 %	
CAS: 7647-14-5 EC: 231-598-3	natrii chloridum	0,5-1,5	not classified as dangerous	
CAS: 50-70-4 EC: 200-061-5	D-glucitol	0,1-1	has not been classified, H?	
Index: 022-006-00-2 CAS: 13463-67-7 EC: 236-675-5	titanium dioxide	0,1-0,5	Carc. 2, H351 (inhalation)	1, 2, 3
CAS: 7772-98-7 EC: 231-867-5	Sodium thiosulphate	>0,1-<0,2	has not been classified, H?	
CAS: 2809-21-4 EC: 220-552-8	Etidronic acid	>0,1-<0,2	Met. Corr. 1, H290 Acute Tox. 4, H302 Eye Dam. 1, H318	

Notes

- Note V: If the substance is to be placed on the market as fibres (with diameter < 3 µm, length > 5 µm and aspect ratio ≥ 3:1) or particles of the substance fulfilling the WHO fibre criteria or as particles with modified surface chemistry, their hazardous properties must be evaluated in accordance with Title II of this Regulation, to assess whether a higher category (Carc. 1B or 1A) and/or additional routes of exposure (oral or dermal) should be applied.

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- 2 Note W: It has been observed that the carcinogenic hazard of this substance arises when respirable dust is inhaled in quantities leading to significant impairment of particle clearance mechanisms in the lung.

This note aims to describe the particular toxicity of the substance; it does not constitute a criterion for classification according to this Regulation.

- 3 Note 10: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter $\leq 10 \mu\text{m}$.

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. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. 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.

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. Prevent contact with skin and eyes.

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- 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**
Place the product mechanically in an appropriate manner. Dispose of the collected material according to the instructions in the section 13.
- 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. 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)**
not available

SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters**
The mixture contains substances for which occupational exposure limits are set.
- 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**
Protective goggles.
- Skin protection**
Hand protection: Protective gloves resistant to the product. Contaminated skin should be washed thoroughly.
- 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 | solid |
| Colour | white |
| Odour | characteristic mild soapy |
| Melting point/freezing point | >55 °C |
| Boiling point or initial boiling point and boiling range | 100 °C |
| 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 | 9.3-10.5 (1% solution at 20 °C) |
| 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 | data not available |
| Relative vapour density | data not available |

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Particle characteristics

data not available

Form

solid

9.2. Other information

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
- Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. No toxicological data is available for the mixture.

Acute toxicity

Based on the available data, the criteria for classification of the mixture are not met.

Alcohols, C12-14, ethoxylated, sulfates, sodium salts					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD ₅₀	4100 mg/kg		Rat (Rattus norvegicus)	
Dermal	LD ₅₀	≥2000 mg/kg		Rat (Rattus norvegicus)	
Inhalation	LC ₅₀	5.09 mg/l of air	4 hours	Rat (Rattus norvegicus)	

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Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD ₅₀	>5000 mg/kg		Rat (Rattus norvegicus)	

Skin corrosion/irritation

Prolonged exposure may cause transient skin irritation.

Irritation

Alcohols, C12-14, ethoxylated, sulfates, sodium salts			
Route of exposure	Result	Exposure time	Species
Skin	Irritating	4 hours	Rabbit
Eye	Irritating		Rabbit

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Lauric acid			
Route of exposure	Result	Exposure time	Species
Skin	Highly irritating	24 hours	Rat (Rattus norvegicus)
Eye	Corrosive		

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

not expected at normal room temperature.

Germ cell mutagenicity

Based on the available data, the criteria for classification of the mixture are not met.

Carcinogenicity

Based on the available data, the criteria for classification of the mixture are not met.

Reproductive toxicity

Based on the available data, the criteria for classification of the mixture are not met.

Toxicity for specific target organ - single exposure

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

Lauric acid					
Route of exposure	Parameter	Value	Result	Species	Sex
Inhalation			Irritating		

Toxicity for specific target organ - repeated exposure

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Aspiration hazard

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture 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

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

Acute toxicity

Alcohols, C12-14, ethoxylated, sulfates, sodium salts				
Parameter	Value	Exposure time	Species	Environment
LC ₅₀	7.1 mg/l	96 hours	Fish (Danio rerio)	
NOEC	0.2 mg/l	28 days	Fish (Oncorhynchus mykiss)	

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Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Parameter	Value	Exposure time	Species	Environment
EC ₅₀	7.4 mg/l	48 hours	Crustaceans (Daphnia magna)	
NOEC	0.27 mg/l	21 days	Crustaceans (Daphnia magna)	
EC ₅₀	27.7 mg/l	72 hours	Algae and other aquatic plants (Desmodesmus subspicatus)	
EC ₅₀	>10 g/l	16 hours	Microorganisms (Photobacterium phosphoreum)	
LC ₅₀	>10 mg/l	48 days	Fish (Danio rerio)	
EC ₅₀	12 mg/l	24 hours	Crustaceans (Daphnia magna)	

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Parameter	Value	Exposure time	Species	Environment
LC ₅₀	46 mg/l	96 hours	Fish (Danio rerio)	
EC ₅₀	40 mg/l	24 hours	Crustaceans (Daphnia magna)	
EC ₅₀	120 mg/l	96 hours	Algae and other aquatic plants (Desmodesmus subspicatus)	
EC ₁₀	850 mg/l	30 minutes	Microorganisms (Pseudomonas putida)	

12.2. Persistence and degradability

Data for the mixture are not available. The mixture is biodegradable.

Biodegradability

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Parameter	Method	Value	Exposure time	Environment	Result
	OECD 301D	≥77 %			Biodegradable

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Parameter	Method	Value	Exposure time	Environment	Result
	OECD 301E	86 %	28 days		Biodegradable

12.3. Bioaccumulative potential

Data for the mixture are not available.

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Parameter	Value	Exposure time	Species	Environment	Temperature [°C]
Log K _{ow}	≤3				

Lauric acid

Parameter	Value	Exposure time	Species	Environment	Temperature [°C]
BCF	234				

12.4. Mobility in soil

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No data are available for either the mixture or the components.

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.

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

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

not available

SECTION 16: Other information

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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.
H351	Suspected of causing cancer if inhaled.
H412	Harmful to aquatic life with long lasting effects.

Guidelines for safe handling used in the safety data sheet

P264	Wash hands and exposed parts of the body thoroughly after handling.
P280	Wear protective gloves/eye 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.
P312	Call a POISON CENTER/doctor if you feel unwell.

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
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 Kow	Octanol-water partition coefficient
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



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VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative
Acute Tox.	Acute toxicity
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Carc.	Carcinogenicity
Eye Dam.	Serious eye damage
Met. Corr.	Corrosive to metals
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.

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.