

Safety data sheet according to Annex

II of Regulation EP and Council 1907/2006/EC and Commission Regulation (EU) 2020/878

Date of issue: 26.1.2023

Date of revision No. 1: -

Product name: **HB SOAPBASE Milky**

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

1.1. Product identifier

Chemical name/Synonyms: - Trade

name: **HB SOAPBASE Milky**

UFI: **SDA0-80EG-S00J-VD9G**

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

Identified uses: White glycerin soap base for handmade soaps.

PC 39 Cosmetics, personal hygiene products

Uses not recommended: The product must not be used in ways other than those listed in section 1.

1.3. Details of the supplier of the safety data sheet

KBÚ supplier: Ekokoza s.r.o

Address: Fryčovice 297, 73945 Fryčovice

Email: info@ekokoza.cz

1.4. Emergency phone number

Nouzové telefonní číslo: +420224919293 , +420224915402 (telefon 24hod/ denně)

Toxikologické informační středisko, Na Bojišti 1, 128 08 Praha2)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture according to Regulation of the European Parliament and the Council (EC) no. 1272/2008:

It is not classified.

2.2. Marking elements

Warning pictogram: no pictogram

Warning word: no warning word

Warning statements: not applicable

Safety warnings:

P102 Keep out of reach of children.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. If you wear contact lenses, remove them if possible. Continue rinsing.

Regulation (EC) No. 648/2004 on detergents (labeling of contents):

anionic surfactants ý 30%,

soap ý 30%.

2.3. Other danger

It does not contain components that meet the PBT and / or vPvB criteria according to Annex XIII of Regulation (EC) no. 1907/2006.

SECTION 3: Composition/information on ingredients

3.1. Substances

Does not apply. The product is a mixture of substances.

3.2. Blends

Composition: glycerol; Water; sodium octadecanoate; propane-1,2-diol; sodium dodecanoate; corn syrups, hydrogenated; C12-14 alcohols, ethoxylated, sulfates, sodium salts; sodium chloride; C10-16-alkyl alcohols, ethoxylated, sulfosuccinates, disodium salts; titanium dioxide; tetrasodium ethylenediaminetetraacetate; goat milk.

Component	glycerol	C12-14 alcohols, ethoxylated, sulfates, sodium salts
name Concentration [%]	25 - 50	1 - 5
TIME	56-81-5	68891-38-3
EC	200-289-5	500-234-8

Registration no.	-	01-2119488639-16-xxxx
Symbol	-	
classification, H statements	-	Eye Dam. 1, H318 Skin Irrit 2, H315 Aquatic Chronic 3, H412
Specific concentration limits, M factors	-	Eye Dam. 1: C ₅₀ 10%; Eye Irritation. 2: 5%<C<10%;
A word of caution	-	Danger
Highest allowed exposure limits (NPEL)	Yes	not
PBT/vPvB	not	not

Folder name	C10-16- alkyl alcohols, ethoxylated, sulfosuccinates, disodium salts	titanium dioxide	tetrasodium ethylenediaminetetraacetate
Concentration [%]	0.5-1	< 0.1	< 0.1
CAS	68815-56-5	13463-67-7	64-02-8
EC	500-232-7	236-675-5	200-573-9
Registration no.	-	-	-
Symbol		-	
classification, H statements	Eye Irritation. 2, H319	-	Acute Tox. 4, H302 Eye Dam. 1, H318
Specific concentration limits, M factors	-	-	-
A word of caution	Attention	-	Danger
Highest allowed exposure limits (NPEL)	no	Yes	not
PBT/vPvB	not	not	not

Note: The full text of the H-statements is given in section 16.

Exposure limit values, if they are set, are listed in chapter 8.1.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

Move the victim to fresh air, away from the accident site. Consult a doctor.

Eyes:

Remove contact lenses if present. Immediately wash eyes with plenty of water for at least 15 minutes minutes, with the lids fully open.

Skin:

Remove contaminated clothing. Shower the affected skin.

Ingestion:

Not likely. In case of ingestion, rinse the victim's mouth. Do not induce vomiting. Consult a doctor.

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

Symptoms and effects caused by the substances contained are listed in section 11.

4.3. Indication of any need for immediate medical attention and special treatment

Seek medical attention for both acute and delayed symptoms.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media: carbon dioxide, foam, sand, extinguishing powder, water spray.

Unsuitable extinguishing media: full stream of water.

5.2. Special types of hazards arising from the substance or mixture

Thick black smoke is often released when burning. Exposure to decomposition products can be hazardous to health.
Do not inhale the smoke.

5.3. Instructions for firefighters

Use self-contained breathing apparatus and a complete combination of protective equipment.

SECTION 6: Accidental release measures

6.1. Personal safety measures, protective equipment and emergency procedures

See safety measures in sections 7 and 8. Be aware of the risk of slipping.

6.2. Safety measures for the environment

Use non-flammable absorbent materials such as sand, soil, vermiculite, loose soil in waste disposal containers. Do not throw into the natural environment (watercourses, soil and vegetation).

6.3. Methods and material for containment and cleaning up

Collect the spilled product in a suitable container. Soak the rest in an inert absorbent material.

Wash the contaminated area with plenty of water.

6.4. Link to other sections

Personal protective equipment see section 8. Instructions for waste treatment see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Product for external use - do not swallow. Use in accordance with label instructions. Avoid contact mixtures with eyes.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original packaging, away from light and out of the reach of children. Do not exceed the shelf life indicated on the packaging. Store in a cool and well-ventilated place.

7.3. Specific end use, or of use

Mentioned in point 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure limits for the work environment

The control parameters of the product components are set out in Regulation of the Government of the Slovak Republic no. 355/2006 Coll. on the protection of employees from risks related to exposure to chemical factors at work as amended by the SR SR no. 300/2007 Coll., NV SR no. 471/2011 Coll., NV SR no. 82/2015 Coll., NV SR no. 33/2018 Coll. and NV SR no. 236/2020 Zz

Chemical substance	TIME	NPEL				Note
		average		short term		
		ppm	mg.m-3	ppm	mg.m-3	
Glycerin	56-81-5	-	10	-	-	-
Titanium dioxide	13463-67-7	-	5	-	-	-

The highest permissible exposure limits (NPELs) for chemical factors are determined by the average value and the short-term value. NPEL average represents the time-weighted average of concentrations measured in the breathing zone for an eight-hour work shift and a 40-hour work week. The short-term NPEL represents the time-weighted average of concentrations measured during a 15-minute reference time to which employees may be exposed at any time during a shift (maximum 4 times per shift and only for substances with a systemic effect).

8.1.2. Biological limit values

The mixture does not contain substances for which indicators of biological exposure tests are set according to the Regulation of the Government of the Slovak Republic no. 355/2006 Coll. as amended by NV SR no. 300/2007 Coll., NV SR no. 471/2011 Coll., NV SR no. 82/2015 Coll., NV SR no. 33/2018 Coll. and NV SR no. 236/2020 Coll

8.1.3. DNEL and PNEC values

DNEL, C12-14-alcohols, ethoxylated, sulfates, sodium salts, CAS 68891-38-3:

Workers/consumers Exposure route	Value	Effect
workers dermal 2750 mg/kg/day	175	long-term systemic effects
mg/m3		long-term systemic effects
workers inhalation consumers oral 15 mg/kg/day		long-term systemic effects
day consumers dermal 85 mg/kg/day		long-term systemic effects
		long-term systemic effects

consumers	by inhalation	3 mg/m3	long-term systemic effects
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PNEC, C12-14-alcohols, ethoxylated, sulfates, sodium salts, CAS 68891-38-3:

Path of exposure	Value	Determination of value
freshwater environment 0.24 mg/l		
sea water 0.024 mg/l		
water (occasional leakage) 0.071 mg/l		
soil (agricultural) 0.946 mg/kg		
freshwater sediments 5.45 mg/kg sediment dry weight		
marine sediments 0.545 mg/kg sediment dry weight		
STP, microorganisms in wastewater treatment plants 10 mg/l		

DNEL, tetrasodium ethylenediaminetetraacetate, CAS 64-02-8:

Workers/consumers Route of exposure	Value	Effect
workers inhalation workers inhalation	2.5 mg/m3	acute systemic effects
consumers inhalation consumers inhalation	2.5 mg/m3	acute local effects
consumers oral	1.5 mg/m3	acute systemic effects
	1.5 mg/m3	acute effects locally
	25 mg/kg/day	long-term, systemic effect

PNEC, tetrasodium ethylenediaminetetraacetate, CAS 64-02-8:

Path of exposure	Value	Determination of value
freshwater environment 2.2 mg/l		
sea water 0.22 mg/l		
water (occasional leakage) 1.2 mg/l		
freshwater sediments data is not available		
marine sediments data is not available		
soil (agricultural) 0.72 mg/kg soil dry matter		
microorganisms in wastewater treatment plants 43 mg/l		
orally, food chain	the data is not available	

8.2. Exposure controls

8.2.1. Adequate technical and hygienic security

Ensure natural ventilation.

8.2.2. Individual protective measures, such as personal protective equipment

a) Eye/face protection

Avoid contact with eyes. There must be a source of water nearby.

b) Skin protection

Hand protection:

Does not apply.

Body protection:

Does not apply.

c) Respiratory protection

It does not apply to normal conditions of use. **d) Thermal**

hazard

Does not apply.

8.2.3. Environmental exposure controls

See point 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	paste
Color	White
Odor	weak, characteristic
Melting / freezing point Boiling	68°C
point or initial boiling point a	the data is not available

boiling point range	
Flammability	irrelevant
Lower and upper explosive limits Flash	irrelevant
point Autoignition	irrelevant
temperature Decomposition	irrelevant
temperature pH	the data is not available
value Kinematic	the data is not available
viscosity Water solubility	the data is not available
Partition constant (log	soluble
value)	the data is not available
Vapor	the data is not available
pressure Density and/or relative density	the data is not available
Relative vapor density	the data is not available
Particle properties	the data is not available

9.2. Other information

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SECTION 10: Stability and reactivity**10.1. Reactivity**

With recommended use, there is no risk of dangerous reactivity.

10.2. Chemical stability

The product is stable under normal conditions of use and storage.

10.3. Possibility of dangerous reactions

No dangerous reactions are foreseeable under normal conditions of use and storage.

10.4. Conditions to avoid

Frost, heat.

10.5. Incompatible materials

Strong oxidizing agents, strong acids.

10.6. Hazardous decomposition products

None under normal conditions of use. In the case of high temperatures, dangerous decomposition products such as smoke, carbon monoxide and carbon dioxide may be formed.

SECTION 11: Toxicological information**11.1. Information on hazard classes defined in Regulation (EC) no. 1272/2008****Acute toxicity**

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

Skin corrosion/irritation

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

Serious eye damage/eye irritation

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

Respiratory sensitization/skin sensitization

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

Mutagenicity in germ cells

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

Carcinogenicity

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

Reproductive toxicity

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

Specific target organ toxicity - single exposure

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

Specific target organ toxicity - repeated exposure

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

Inhalation hazard

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

11.2. Symptoms related to physical, chemical and toxicological characteristics

Inhalation: Throat irritation with chest tightness may occur.

Eye contact: Irritation and redness may occur.

Skin contact: There may be slight irritation at the point of contact.

Ingestion: Throat irritation may occur.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

C12-14-alcohols, ethoxylated, sulfates, sodium salts, CAS 68891-38-3:

LC50, fish, Brachydanio rerio: 7.1 mg/l/96 h

EC50, daphnia, Daphnia magna: 7.2 mg/l/48 h

EC50, algae, Desmodesmus subspicatus: 2.6 mg/l/ 72 h

tetrasodium ethylenediaminetetraacetate, CAS 64-02-8:

LC50, fish, Lepomis macrochirus: > 100 mg/l/96 h

EC50, daphnia, Daphnia magna: > 100 mg/l/48 h

12.2. Persistence and degradability

The surfactants contained in this product meet the criteria of biodegradability according to regulation (EC) no. 648/2004 on detergents. The data confirming this declaration are available to the competent authorities of the Member States and will be available to them at their direct request or at the request of the detergent manufacturer.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Properties of endocrine disruptors

The mixture does not contain substances that disrupt the activity of the endocrine system.

12.7. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in accordance with Act No. 79/2015 Coll. on waste and in accordance with local regulations. Put the unused product and the dirty packaging in marked containers for waste collection and hand it over to an organization with an issued approval for waste management.

Waste type code

Number of the group, subgroup and type of waste (according to the Waste

Catalog): 20 MUNICIPAL WASTE (HOUSEHOLD WASTE AND SIMILAR WASTE FROM TRADE, INDUSTRY AND INSTITUTIONS) INCLUDING THEIR COMPONENTS FROM SEPARATE COLLECTION

20 01 SEPARATELY COLLECTED COMPONENTS OF MUNICIPAL WASTE (EXCEPT 15 01) 20 01 29

detergents containing dangerous substances, waste category "N"

Waste type code for packaging

Number of group, subgroup and type of waste (according to the Waste Catalog):

15 WASTE PACKAGING, ABSORBENTS, CLEANING CLOTHS, FILTER MATERIAL AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED

15 01 PACKAGING (INCLUDING WASTE PACKAGING FROM SEPARATE COLLECTION MUNICIPAL WASTE)

15 01 02 plastic packaging, waste category "N".

If this product and its packaging become waste, the end user must assign the corresponding waste code according to the Decree of the Ministry of the Interior of the Slovak Republic no. 365/2015 Coll., establishing the Waste Catalog. Waste codes are recommendations based on the intended use of this product. Based on the user's specific conditions for use and disposal, additional waste codes may be assigned, subject to certain circumstances.

SECTION 14: Transport information

The product is not subject to regulations for road (ADR), rail (RID), ship (IMDG) and air (IACAO/IATA) transport of dangerous goods.

14.1. UN number or identification number

Not applicable.

14.2. Correct UN shipping label

Unusable.

14.3. Class, or transport hazard classes

Unusable.

14.4 Packaging group

Unusable.

14.5. Danger to the environment

Unusable.

14.6. Special safety measures for the user

Unusable.

14.7. Sea transport of bulk cargo according to the IMO instrument

The information is not relevant.

SECTION 15: Regulatory information

15.1. Regulations/legislation specific to the substance or mixture in the area of safety, health and the environment

- REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (EC) No. 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and on the establishment of the European Chemicals Agency, on the amendment of some directives
- Regulation of the European Parliament and the Council (EC) no. 1272/2008 on the classification, labeling and packaging of substances and mixtures, on the amendment, addition and repeal of directives 67/548/EEC and 1999/45/EC and on the amendment and amendment of Regulation (EC) no. 1907/2006.
- Commission Regulation (EU) No. 2020/878 amending Annex II to the Regulation of the European Parliament and Council (EC) no. 1907/2006
- Law no. 67/2010 Coll. on the conditions for putting chemical substances and chemical mixtures on the market and on the amendment of certain laws (chemical law)
- Regulation of the Government of the Slovak Republic no. 355/2006 Coll. on the protection of employees from risks related to exposure chemical factor at work as amended
- Act of the NR SR no. 355/2007 Coll., on the protection, support and development of public health and on amendments some laws
- Law no. 79/2015 Coll. on waste and on amendments to certain laws
- Decree of the Ministry of the Environment of the Slovak Republic no. 365/2015 Coll., establishing the Waste Catalog
- Law no. 137/2010 Coll. on air

Restrictions according to the REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (EC) no. 1907/2006 (Annex XVII): none.

Substances included in the List of Candidate Substances (SVHC) according to Regulation of the EP and the Council no. 1907/2006 REACH: none.

Substances included in Annex XIV of Regulation of the EP and the Council no. 1907/2006 REACH: none

15.2. Chemical safety assessment

It is not processed.

SECTION 16: Other information

16.1. Text of H-statements, hazard classes and abbreviations

List of warning statements used in the safety data sheet:

H302 Harmful if swallowed.

H315 Irritating to skin.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life, with long-term effects.

Hazard classes:

Acute Tox. 4 – Acute toxicity, category 4

Eye Dam. 1 – Serious eye damage, category 1

Eye Irritation. 2 – Eye irritation, category 2

Skin Irritation. 2 – Skin irritation, category 2

Aquatic Chronic 3 - Hazardous to the aquatic environment, category 3 (chronic)

Abbreviations used:

ADR: European Agreement on the International Carriage of Dangerous Goods by Road

CAS: Chemical Abstract Service number

CLP: Regulation (EC) no. 1272/2008 on classification, labeling and packaging of substances and mixtures

DNEL: Derived exposure level at which adverse effects on human health do not occur

EC: EINECS number - European Inventory of Existing Commercial Chemical Substances

EC50: The concentration at which 50% of the population is effectively affected

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organization

IMDG: International Maritime Transport of Dangerous Goods

IMO: International Maritime Organization

SDS: Safety Data Sheet

LC50: Lethal concentration for 50% of the test population

NPTEL: Highest Permissible Exposure Limit

PBT: Persistent, bioaccumulative and toxic substances

PNEC: Estimated concentration at which adverse environmental effects do not occur

REACH: Regulation (EC) no. 1907/2006 on the registration, evaluation, authorization and restriction of chemicals

RID: Regulation for the international rail transport of dangerous goods

VOC: Volatile organic substances

vPvB: Very persistent and very bioaccumulative substances

SVHC (substance of very high concern): Substance of very high concern

16.2. Recommendations for professional training

Familiarize workers with the recommended method of use, mandatory protective equipment, first aid and prohibited handling of the product.

16.3. Recommended usage restrictions

The product should not be used for any purpose other than that stated in point 1.2. The Importer/Distributor does not assume responsibility for improper use of the product due to the above safety measures. **16.4. More details**

Additional information will be provided by: see chap. 1.3.

16.5. Sources of key data

The information presented here is based on our best knowledge and current legislation, especially Act no.

67/2010 Coll. on conditions for putting chemical substances and chemical mixtures on the market (chemical law), including implementing regulations, Regulation of the European Parliament and the Council (EC) no. 1907/2006 (REACH), Regulations of the European Parliament and the Council (EC) no. 1272/2008, Regulations of the Government of the Slovak Republic no. 355/2006 Coll as amended.

16.6. Changes in the revision of the safety data sheet