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ZENI Holding sro
Špitálska 53, 811 01 Bratislava-Old Town, Slovak Republic
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Safety data sheet

according to Annex II of Regulation (EC) No 1907/2006 of the European Parliament and of the Council and Commission Regulation (EU) 2020/878

Release date: 7.10.2019
Revision date no.1: 16.10.2020
Revision Date No. 2: 19.4.2025
Product name: **ZENISOAPBASE Pro-W, ZENISOAPBASE SuperPro-W**

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

1.1. Product identifier

Chemical name/Synonyms: - Trade name: **ZENISOAPBASE Pro-W, ZENISOAPBASE SuperPro-W**
UFI: J0C0-T088-V00J-GG99

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 care products

Uses advised against: 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

Supplier of the KBU: ZENI Holding sro
Address: Špitálska 53, 811 01 Bratislava-Old Town, Slovak Republic
Telephone: +421 917 887 746
E-mail: dnikitin@zeniholding.eu

1.4. Emergency telephone number

+421 2 5477 4166 (24/7 service)
National Toxicology Information Center, FNsP Bratislava, Limbová 5, 833 05 Bratislava, SR

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture according to Regulation (EC) No. 1272/2008 of the European Parliament and of the Council:
It is not classified.

2.2. Labeling elements

Warning pictogram: no pictogram
Signal word: no signal word
Warnings: 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 using
Remove contact lenses if present and easy to do. Continue rinsing.

Regulation (EC) No 648/2004 on detergents (content labelling):
anionic surfactants ÿ 30%,
soap ÿ 30%.

2.3. Other hazards

It does not contain components that meet the PBT and/or vPvB criteria according to Annex XIII of Regulation (EC) No. 1907/2006.
The mixture does not contain substances that disrupt the endocrine system.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. The product is a mixture of substances.

3.2. Mixtures

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

Názov zložky	glycerol	alkoholy C12-14, etoxylované, sírany, sodné soli
Koncentrácia	25 – 50 %	1 – 5 %
CAS	56-81-5	68891-38-3
EC	200-289-5	500-234-8
Registračné č.	-	01-2119488639-16-xxxx
Symbol	-	
Klasifikácia, H výroky	-	Eye Dam. 1, H318 Skin Irrit 2, H315 Aquatic Chronic 3, H412
Špecifické koncentračné limity, M faktory	-	Eye Dam. 1: C≥10%; Eye Irrit. 2: 5%<C<10%;
Výstražné slovo	-	Nebezpečenstvo
Najvyššie prípustné expozičné limity (NPEL)	áno	nie
PBT/vPvB	nie	nie

Názov zložky	C_{10-16}-alkylalkoholy, etoxylované, sulfosukcináty, disodné soli	oxid titaničitý	tetranátrium-etyléndiaminotetraacetát
Koncentrácia	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
Registračné č.	-	-	-
Symbol		-	
Klasifikácia, H výroky	Eye Irrit. 2, H319	-	Acute Tox. 4, H302 Eye Dam. 1, H318
Špecifické koncentračné limity, M faktory	-	-	-
Výstražné slovo	Pozor	-	Nebezpečenstvo
Najvyššie prípustné expozičné limity (NPEL)	nie	áno	nie
PBT/vPvB	nie	nie	nie

Pozn.: Úplné znenie H-výrokov je uvedené v oddiele 16.

Exposure limit values, if established, are given in Chapter 8.1.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

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

Eyes:

Remove contact lenses, if present. Immediately flush eyes with plenty of water for at least 15 minutes, holding eyelids wide open.

Skin:

Remove contaminated clothing. Shower affected skin.

Ingestion:

Unlikely. If swallowed, rinse mouth. Do not induce vomiting. Consult a physician.

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

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

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

Seek medical attention for both acute and delayed symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

Unsuitable extinguishing media: full water jet.

5.2. Special hazards arising from the substance or mixture

Burning often produces thick black smoke. Exposure to decomposition products can be hazardous to health.

Do not inhale smoke.

5.3. Instructions for firefighters

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

6.2. Environmental safety measures

To remove spilled product, use non-combustible absorbent materials such as sand, earth, vermiculite,

Spreading soil in waste disposal containers. Do not dispose of in the natural environment (watercourses, soil

and vegetation).

6.3. Methods and material for containment and cleaning up

Collect spilled product in a suitable container. Soak up the residue with inert absorbent material.

Wash the contaminated area with plenty of water.

6.4. Reference to other sections

For personal protective equipment see section 8. For waste disposal instructions see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Product for external use - do not swallow. Use as directed on label. Avoid contact.
mixed with eyes.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original containers, away from light and out of reach of children. Do not exceed the period

Shelf life stated on the packaging. Store in a cool and well-ventilated place. **7.3. Specific end use(s)**

Mentioned in point 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limits

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 Government of the Slovak Republic No. 300/2007 Coll., Government of the Slovak Republic No. 471/2011 Coll., Government of the Slovak Republic No. 82/2015 Coll., Government of the Slovak Republic No. 33/2018 Coll. and Government of the Slovak Republic No. 236/2020 Zz

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

The maximum permissible exposure limits (MPELs) for chemical agents are set by the average value and short-term value. The average NPEL represents the time-weighted average of concentrations measured in

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breathing zone for an eight-hour work shift and a 40-hour work week. 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 the shift (maximum 4 times per shift and only for substances with systemic effect).

8.1.2. Biological limit values

The mixture does not contain substances for which biological exposure test parameters are determined according to the Regulation of the Government of the Slovak Republic No. 355/2006 Coll. as amended by the Government of the Slovak Republic No. 300/2007 Coll., Government of the Slovak Republic No. 471/2011 Coll., Government of the Slovak Republic 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 workers dermal 2750 mg/kg/day 175			**Effect**
mg/m3 workers inhalation consumers oral 15 mg/kg/day consumers dermal 85 mg/kg/day			long-term systemic effects
inhalation 3 mg/m3		consumers	long-term systemic effects
			long-term systemic effects
			long-term systemic effects
			long-term systemic effects

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

Exposure route	**Value**	**Determining value**
freshwater environment 0.24 mg/l		
sea water 0.024 mg/l		
water (occasional leak) 0.071 mg/l		
soil (agricultural) 0.946 mg/kg		
freshwater sediments 5.45 mg/kg sediment dry matter		
marine sediments 0.545 mg/kg sediment dry matter		
STP, microorganisms in wastewater treatment plants 10 mg/l		

DNEL, tetranatrium-ethylendiaminetetraacetate, CAS 64-02-8:

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

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

Exposure route	**Value**	**Determining value**
freshwater environment 2.2 mg/l		
sea water 0.22 mg/l		
water (occasional leak) 1.2 mg/l		
freshwater sediments data not available		
marine sediments data not available		
soil (agricultural) 0.72 mg/kg soil dry matter		
microorganisms in wastewater treatment plants 43 mg/l		
oral, food chain	data not available	

8.2. Exposure controls

8.2.1. Adequate technical and hygienic arrangements

Ensure natural ventilation.

8.2.2. Individual protective measures, such as personal protective equipment

a) Eye/face protection

Avoid contact with eyes. A source of water must be nearby.

b) Skin protection

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Hand protection:

Not applicable.

Body protection:

Not applicable.

c) Respiratory protection

Not applicable under normal conditions of use. **d)**

Thermal hazards

Not applicable.

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	pasta
Color	white
Fragrance	weak, characteristic
Melting/freezing point Boiling	68ºC
point or initial boiling point and boiling range	data not available
Flammability	where is it
Lower and upper explosion limits Flash	where is it
point Autoignition	where is it
temperature Decomposition	where is it
temperature pH	data not available
value Kinematic	data not available
viscosity Water solubility	data not available
Partition constant (log	soluble
value)	data not available
Vapour	data not available
pressure Density and/or relative density	data not available
Relative vapour density	data not available
Particle properties	data not available

9.2. Other information

-	-

SECTION 10: Stability and reactivity

10.1. Reactivity

There is no risk of hazardous reactivity when used as recommended.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

No hazardous 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. Hazardous decomposition products may be formed at high temperatures.

decomposition, such as smoke, carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

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11.1. Information on hazard classes as defined in Regulation (EC) No. 1272/2008 Acute toxicity Based on available data, the
classification criteria are not met. **Skin corrosion/irritation** Based on available data,
the classification criteria are not met.

Serious eye damage/eye irritation Based
on available data, the classification criteria are not met.
Respiratory/Skin sensitization 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.
Specific target organ toxicity - single exposure Based on available
data, the classification criteria are not met.
Specific target organ toxicity - 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
Inhalation: Throat irritation with a feeling of tightness in the chest may occur.
Eye contact: Irritation and redness may occur.
Skin contact: There may be slight irritation at the site of contact.
Ingestion: May cause throat irritation.

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 comply with the biodegradability
criteria as laid down in Regulation (EC) No 648/2004 on detergents. The data supporting this declaration are at the disposal of the competent authorities of the Member States and will be made available to them upon 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 endocrine system.
12.7 Other adverse effects No
data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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Dispose of in accordance with Act No. 79/2015 Coll. on waste and in accordance with local regulations. Unused
Place the product and contaminated packaging in marked waste collection containers and hand them over to an organization with the issued waste management consent.

Waste type code

Number of group, subgroup and type of waste (according to the Waste
Catalogue): 20 MUNICIPAL WASTE (HOUSEHOLD WASTE AND SIMILAR WASTE FROM COMMERCE, INDUSTRY AND INSTITUTIONS) INCLUDING THEIR COMPONENTS FROM SEPARATE COLLECTION
20 01 SEPARATELY COLLECTED 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 Catalogue):
15 WASTE PACKAGING, ABSORBENTS, CLEANING CLOTHES, FILTERING MATERIAL AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01 PACKAGING (INCLUDING PACKAGING WASTE 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 appropriate waste code according to the Decree of the Ministry of Environment of the Slovak Republic No. 365/2015 Coll., which establishes the Waste Catalogue. Waste codes are recommendations based on the intended use of this product. Based on the specific conditions of the user Additional waste codes may be assigned for use and disposal, depending on the circumstances.

SECTION 14: Transport information

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

14.1. UN number or identification number

Unusable.

14.2. UN Proper Shipping Name

Unusable.

14.3. Transport hazard class(es)

Unusable.

14.4 Packing group

Unusable.

14.5. Environmental hazards

Unusable.

14.6. Special precautions 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. Safety, health and safety regulations/legislation specific for the substance or mixture and the environment

- REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on the Registration, Evaluation, on the Authorisation and Restriction of Chemicals (REACH) and establishing a European Chemicals Agency, amending and amendments to certain directives
- Regulation (EC) No 1272/2008 of the European Parliament and of the Council 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.
- Commission Regulation (EU) No 2020/878 amending Annex II to Regulation (EU) No 1092/2010 of the European Parliament and of the Council and Council Regulation (EC) No 1907/2006
- Act No. 67/2010 Coll. on the conditions for placing chemical substances and chemical mixtures on the market and on amendments and amendments to certain acts (Chemical Act)

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- Regulation of the Government of the Slovak Republic No. 355/2006 Coll. on the protection of employees from risks related to exposure chemical factors at work as amended
- Act of the National Council of the Slovak Republic No. 355/2007 Coll., on the protection, promotion and development of public health and on amendments and supplements of certain acts - Act No. 79/2015 Coll. on waste and on amendments and supplements to certain acts - Decree of the Ministry of the Environment of the Slovak Republic No. 365/2015 Coll., establishing the Waste Catalogue - Act No. 137/2010 Coll. on air

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

Substances included in the Candidate List of Substances of Very High Concern (SVHC) according to Regulation (EC) No. 1907/2006 of the European Parliament and of the Council REACH: none.

Substances included in Annex XIV of Regulation (EC) No. 1907/2006 of the European Parliament and of the Council (REACH): none **15.2. Chemical safety assessment** Not processed.

SECTION 16: Other information

16.1. Text of H-statements, hazard classes and abbreviations List of hazard statements 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.
Hazard classes: Acute Tox. 4 – Acute toxicity, category 4 Eye Dam. 1 – Serious eye damage, category 1 Eye Irrit. 2 – Eye irritation, category 2 Skin Irrit. 2 – Skin irritation, category 2 Aquatic Chronic 3 – Hazardous to the aquatic environment, category 3 (chronic)
Abbreviations used:
EC: EINECS number – European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstract Service number

SDS: Safety Data Sheet
CLP: Regulation (EC) No 1272/2008

GHS: Globally Harmonized System of Classification and Labelling of Chemicals REACH: Regulation (EC) No 1907/2006 NPEL:

Permissible Exposure Limit DNEL: Derived No-Effect Levels PNEC: Predicted No-Effect Concentrations PBT: Persistent, Bioaccumulative and Toxic vPvB: Very Persistent and Very Bioaccumulative SVHC (Substance of Very High Concern): Substance of Very High Concern LC50: Lethal Concentration for 50% of the Test Population EC50: Concentration at which 50% of the Population is Effectively Affected ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road RID: Regulations concerning the International Carriage of Dangerous Goods by Rail IMDG/IMO: International Maritime Dangerous Goods Regulations ICAO/IATA: International Air Transport Regulations air transport of dangerous goods **16.2. Recommendations for training** Inform workers of the recommended method of use, mandatory protective equipment, first aid and prohibited handling of the product.

16.3. Recommended restrictions on use The product should not be used for any purpose other than that specified in point 1.2. The Importer/Distributor assumes no liability for improper use of the product in view of the above safety precautions.

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16.4. Further information

Further information will be provided by: see chapter 1.3.

16.5. Sources of key data The
information provided here is based on the best of our knowledge and current legislation, in particular Act No.
on the conditions for placing chemical substances and chemical mixtures on the market (Chemical Act), including implementing regulations, Regulation of the European Parliament and of the Council (EC) No. 1907/2006 (REACH), Regulation of the European Parliament and of the Council (EC) No. 1272/2008, Regulation of the Government of the Slovak Republic No. 471/2011.

16.6. Changes in the revision of the safety data sheet Reason for
revision No. 1: the manufacturer changed the composition of the product, partial change of texts in the SDS.
Reason for revision No. 2: change in legislation – Commission Regulation (EU) 2020/878, Regulation of the Government of the Slovak Republic No. 236/2020 Coll.
The issuance of this SDS supersedes all previous SDSs.