



ZENI Holding sro  
Špitálska 53, 811 01 Bratislava-Old Town, Slovak Republic  
Phone: +421 917 887 746  
Email: [info@zeniholding.eu](mailto:info@zeniholding.eu)

## 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: 9.10.2019  
Revision date no.1: 19.4.2025  
Product name: **ZENISOAPBASE Shea-C**

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

#### 1.1. Product identifier

Chemical name/Synonyms: - Trade

name: **ZENISOAPBASE Shea-C UFI: 1.2. Relevant identified uses of the**  
**the XRA0-9062-Y002-HFJ3**

**substance or mixture and uses advised against**

Identified uses: Transparent glycerin soap base for handmade soaps.

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](mailto: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. Remove contact lenses, if present and easy to do. Continue rinsing.

Regulation (EC) No 648/2004 on detergents (content labelling):

anionic surfactants  $\geq$  30%,

soap  $\geq$  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

Ingredients: glycerol; water; sodium octadecanoate; propane-1,2-diol; sodium dodecanoate; corn syrups, hydrogenated; alcohols C12-14, ethoxylated, sulfates, sodium salts; Shea butter saponified with NaOH;

sodium chloride; C10-16-alkyl alcohols, ethoxylated, sulfosuccinates, disodium salts; 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: $c \geq 10\%$ ; Eye Irrit. 2: $5\% < c < 10\%$ ;
Výstražné slovo	-	Nebezpečenstvo
Najvyššie prípustné expozičné limity (NPEL)	áno	nie
PBT/vPvB	nie	nie

Názov zložky	C <sub>10-16</sub> -alkylalkoholy, etoxylované, sulfosukcináty, disodné soli	tetranátrium-etyléndiaminotetraacetát
Koncentrácia	0,5 – 1 %	< 0,1 %
CAS	68815-56-5	64-02-8
EC	500-232-7	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	nie
PBT/vPvB	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: Move

the victim to fresh air, away from the accident site.

Eyes:

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

Skin:

Remove contaminated clothing. Shower affected skin. Seek medical attention.

Ingestion:

Unlikely. If swallowed, rinse mouth. Do not induce vomiting. Seek medical attention.

##### 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**

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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

The shelf life stated on the packaging.

### 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	ppm	
Glycerin	56-81-5					

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 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).

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### 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 Route of exposure	workers	Value	2750	Effect
dermal workers inhalation consumers oral		mg/kg/day	175 mg/	long-term systemic effects
consumers dermal consumers inhalation		m3	15 mg/kg/	long-term systemic effects
		day	85 mg/kg/	long-term systemic effects
		day	3 mg/m3	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

**Hand protection:**

Not applicable.

**Body protection:**

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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
Colour	colorless, transparent
Odour	weak, characteristic
Melting/freezing point Boiling	68°C
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**

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**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**

Avoid frost.

**10.5. Incompatible materials**

Do not mix with other mixtures.

**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**

**11.1. Information on toxicological effects**

**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** Not available.

## 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

Dispose of in accordance with Act No. 79/2015 Coll. on waste and in accordance with local regulations. Place unused product and contaminated packaging in marked waste collection containers and hand over to an organization with a waste management permit.

#### Waste type code

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

Catalogue): 20 MUNICIPAL WASTE (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL WASTE,

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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)
- 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 some laws
- 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.

H335 May cause respiratory 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 STOT SE 3

– Specific target organ toxicity – single exposure, category 3 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 misuse of the product in view of the above safety precautions. **16.4. Further information** Further information is available: see chap. 1.3.

##### **16.5. Key data sources**



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: 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.