



SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

SHAMPOO BASE ORGANIC

Version 4.0

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

1.1. Product identifier

Trade name : SHAMPOO BASE ORGANIC

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

Use of the substance or mixture : Industrial: cosmetics, personal care products

Unrecommended uses : Professional use excluded until the introduction of UFI.

1.3. Details of the supplier of the safety data sheet

Firm

Ekokoza s.r.o

Phone

Fryčovice 297, 73945, Fryčovice

Fax

ID: 07508247, eshop@ekokoza.cz

E-mail address

Responsible/issuing person

1.4. Telephone number for emergencies

Telephone number for emergencies

: Toxicology Information Center

On the battlefield 1

128 21 Prague

tel. 00420-224 919 293

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008

REGULATION (EC) No. 1272/2008			
By hazard class	Hazard categories	Target organs	Standard hazard statements
Serious eye damage	Category 1	---	H318
Skin sensitization	Category 1	---	H317



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For the full text of the H-statements given in this section, see section 16.

Most serious adverse effects

Human health	: See section 11 for toxicological information
Physical and chemical hazards	: See section 9/10 for physicochemical information
Possible effects on the environment	: See section 12 Ecological information

2.2. Marking elements

Labeling according to Regulation (EC) No. 1272/2008

Danger symbols	:	 
With a signal word	:	Danger
Standard hazard statements	:	H318 Causes serious eye damage. H317 May cause an allergic skin reaction.
Instructions for safe handling		
Prevention	:	P264 Wash thoroughly after handling. P280 Wear protective gloves/protective clothing/ safety glasses/face shield.
Measures	:	P332 + P313 In case of skin irritation: Seek medical attention/ treatment. P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if worn and if they can be removed easily. Continue rinsing. Call a TOXICOLOGICAL INFORMATION CENTER/ doctor immediately.
Removal	:	P501 Dispose of contents/packaging in accordance with applicable regulations.

Hazardous ingredients that must be listed on the label:

- Decyl D-glucoside
- (Carboxylatomethyl)dodecyldimethylammonium

2.3. Another danger



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Results of PBT and vPvB assessment see point 12.5.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Dangerous components		Content [%]	Classification (REGULATION (EC) No. 1272/2008)	
			By hazard class / Hazard category	Standard hazard statements
(Carboxylatomethyl)dodecyldimethylammonium				
No. CAS	: 683-10-3	<= 4.6	Skin Irrit.2	H315
No. EC	: 211-669-5		Eye Dam.1	H319
			Skin Sens.1	H317
Decyl D-glucoside				
CAS No.	: 54549-25-6	<= 5.3	Skin Corr.1B	H314
EC No	: 259-218-1		Eye Dam.1	H318
			Asp. Tox.1	H304

For the full text of the H-statements given in this section, see section 16.

SECTION 4: First aid measures

4.1. Description of first aid

General instructions	: Remove contaminated clothing and shoes immediately. Wash stained clothing before reuse.
When inhaled	: In case of accidental inhalation of vapors, move to fresh air. In case of severe exposure, consult a doctor. Call a doctor if you have symptoms.
In contact with skin	: Wash immediately with soap and plenty of water. In case of persistent problems, call a doctor.
In contact with eyes	: Immediately flush with plenty of water, including under the eyelids, for at least 15 minutes. Consult a doctor. In case of persistent problems, call a doctor.
When ingested	: If victim is conscious, rinse mouth with water. Do not induce vomiting without medical advice. Seek medical attention.

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

Symptoms	: See section 11 for more information on symptoms and health effects
Effects	: May irritate the skin. Causes serious eye damage. May cause an allergic skin reaction.



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

Treatment : Symptomatic treatment.
No further information is available

SECTION 5: Firefighting measures

5.1. Fire extinguishers

Suitable extinguishing agents : Water jets, foam, powder, CO₂ or sand.
Unsuitable fire extinguishers : Full flow of water

5.2. Special hazards arising from the substance or mixture

Specific firefighting hazards : May decompose in fire with formation of toxic gases: Carbon oxides, nitrogen oxides (NO_x)

5.3. Instructions for firefighters

Special protective equipment for firefighters : Use personal protective equipment. Select protective resources according to the size of the fire. Self-contained breathing apparatus (EN 133)
Another recommendation. : Use full protective clothing and self-contained breathing apparatus. Collect contaminated water used for extinguishing separately. Water must not be let into the sewer. Forms slippery/greasy layers with water. Move undamaged containers out of immediate danger if it can be done safely.
Use a stream of water to cool endangered containers.

SECTION 6: Accidental release measures

6.1. Personal protection measures, protective equipment and emergency procedures

Personal protection measures : Use personal protective equipment. Remove contaminated clothing and shoes immediately. Respiratory protection, eye protection.
Keep personnel out of reach and upwind.

6.2. Environmental protection measures

Environmental protection measures : Do not allow the material to pollute groundwater.
Take preventive measures to prevent the product from entering the sewage system. Do not allow to enter surface water.

6.3. Methods and material for containment and cleaning up

Methods and material for containment and cleaning up : Allow leaking liquids to be absorbed into soil, sand or other suitable material
Collect mechanically.
More information : Clean contaminated surfaces carefully. Do not let in sewerage.

6.4. Reference to other sections



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Use appropriate protective equipment.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Instructions for safe handling : Follow the safety regulations for handling chemicals. Avoid contact with skin and eyes.
- Hygiene measures : Smoking, eating and drinking should be prohibited in the place of use. Remove contaminated clothing and shoes immediately. Wash stained clothing before reuse. Wash with soap and plenty of water. Use personal protective equipment. Ensure good ventilation. Avoid contact with eyes.

7.2. Conditions for safe storage of substances and mixtures, including incompatible substances and mixtures

- Requirements for storage areas and containers : Store in a cool, well-ventilated place. Store in original packaging. Materials unsuitable for packaging: steel; aluminum.
- Instructions for protection against fire and explosion : Common fire protection measures.
- More information on storage conditions : Store in a well-ventilated place. Protect from direct sunlight.

7.3. Specific end / specific end uses

- Specific (specific) uses : No information available.

SECTION 8: Exposure controls / personal protective equipment

8.1. Control parameters

Other Exposure limit values

- More information : Does not contain any substances with limit values of exposure to workplace.

8.2. Limiting exposure

Personal protective equipment

Respiratory protection

- Recommendation : not required

Hand protection

- Recommendation : Protective gloves



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Eye protection

Recommendation : Safety glasses with side covers complying with the EN166 standard

Skin and body protection

Recommendation : Work protective clothing

Limiting environmental exposure

General instructions : Do not allow the material to pollute groundwater.

Take preventive measures to prevent the product from entering the sewage system.

Do not allow to enter surface water.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	: liquid
Color	: clear to pale yellow
Odor	: characteristic
Odor Threshold	: Data not available
pH	: approx. 5.5
Freezing point	: Data not available
Boiling point/boiling range	: approx. 100°C
Flash-point	: > 93 °C
Evaporation rate	: Data not available
Flammability (solids, gases)	: Data not available
Upper explosive limit	: Data not available
Lower explosive limit	: Data not available
Steam pressure	: Data not available
Relative vapor density	: Data not available
Relative density	: Data not available
Solubility in water	: soluble substance
Partition coefficient: n-octanol/water	: Data not available



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Auto-ignition temperature : Data not available

Thermal decomposition : Data not available

Dynamic viscosity : viscous

Explosiveness : Data not available

Oxidizing properties : Data not available

9.2. More information

No further information is available

SECTION 10: Stability and reactivity

10.1. Reactivity

Recommendation : Stable under recommended storage conditions.

10.2. Chemical stability

Recommendation : Decomposition does not occur if the specified method of storage and use is followed.

No further information is available

10.3. Possibility of hazardous reactions

Hazardous reactions : No dangerous reactions are known when used under normal conditions conditions.

10.4. Conditions to avoid

Conditions to avoid : Hot.

10.5. Incompatible materials

Materials to avoid : Not applicable

10.6. Hazardous decomposition products

Hazardous decomposition products : Data not available

SECTION 11: Toxicological information

11.1. Information on toxicological effects



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Data for the product

Acute toxicity

Orally

Symptoms: Vomiting

Inhalation

Data not available

Cutaneous

Data not available

Irritability

Skin

Result : May irritate the skin.

Eyes

Result : Causes serious eye damage.

Sensitization

Result : May cause an allergic skin reaction.

Effects of CMR

CMR properties

Carcinogenicity : Data not available

Mutagenicity : Data not available

Reproductive toxicity : Data not available

Specific organ toxicity

A single exposure

Data not available

Repeated exposure

Data not available

Other toxic properties

Repeated dose toxicity



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Data not available

Inhalation hazard

Data not available

Component:

Decyl D-glucoside

CAS No. 54549-25-6

Acute toxicity

Orally

Data not available

Inhalation

Data not available

Cutaneous

Data not available

Irritability

Skin

Result : Causes severe skin burns.

Eyes

Result : Causes eye damage.

Sensitization

Result : Data not available

Effects of CMR

CMR properties

Carcinogenicity : Data not available : Data
Mutagenicity not available : Data not
Reproductive available
toxicity

Specific organ toxicity



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A single exposure

Comment : Data not available

Repeated exposure

Comment : Data not available

Other toxic properties

Inhalation hazard

It can cause death if swallowed and enters the respiratory tract.

SECTION 12: Ecological information

12.1. Toxicity

Component:	Decyl D-glucoside	CAS No. 54549-25-6
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Acute toxicity

Fish

: Data not available

Toxicity to daphnia and other aquatic invertebrates

: Data not available

water flower

: Data not available

12.2. Persistence and degradability

Data for the product

Persistence and degradability

Biodegradability

Result : Biodegradable.

Component:	Decyl D-glucoside	CAS No. 54549-25-6
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Persistence and degradability



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Persistence

Result : Data not available

Biodegradability

Result : Data not available

12.3. Bioaccumulative potential

Data for the product

Bioaccumulation

Result : No bioaccumulation potential.

Component:

Decyl D-glucoside

CAS No. 54549-25-6

Bioaccumulation

Result : Data not available

12.4. Mobility in soil

Data for the product

Distribution among environmental components

: The product is soluble in water.

Component:

Decyl D-glucoside

CAS No. 54549-25-6

Mobility

: Data not available

12.5. Results of PBT and vPvB assessment

Data for the product

Results of PBT and vPvB assessment

Result : Based on available data, there are no classification criteria fulfilled.

Component:

Decyl D-glucoside

CAS No. 54549-25-6

Results of PBT and vPvB assessment

Result : Data not available



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12.6. Other adverse effects

Component:	Decyl D-glucoside	CAS No. 54549-25-6
Additional ecological information		

Result : Data not available

SECTION 13: Disposal considerations

13.1. Waste management methods

Product	: In accordance with local and national regulations.
Contaminated packaging	: Dispose in accordance with local regulations. Dispose of used packaging as well as the product. Recycling, incineration. Check if these are returnable packaging. Removal of the preparation in accordance with the Waste Act by an authorized person. This is hazardous waste.
Number from the European waste catalog	: This product cannot be assigned any code from the European Waste Catalog because its assignment is determined by the intended use. The waste code was established in consultation with the local authorities responsible for waste disposal.

SECTION 14: Transport information

Not dangerous goods in terms of transport: ADR, RID, IMDG and IATA.

14.1. UN number

not applicable

14.2. Official (UN) shipping name

not applicable

14.3. Transport hazard class(es).

not applicable

14.4. Packaging group

not applicable

14.5. Danger to the environment

not applicable

14.6. Special safety measures for users

not applicable



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14.7. Bulk transport according to Annex II of MARPOL 73/78 and the IBC regulation

IMDG : not applicable

SECTION 15: Regulatory Information

15.1. Safety, Health and Environmental Regulations/ Specific Legislation relating to a substance or mixture

Data for the product

Other regulations : The product is labeled according to EU directives or applicable national regulations. All the mentioned laws should be considered with regard to later changes in the valid wording. 350/2011 LAW of 27 October 2011 on chemical substances and chemical mixtures and on the amendment of certain laws (chemical law) with effect from 1 January 2012 Directive (EC) No. 1272/2008 on classification, labeling and packaging of substances and mixtures, on change a repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No. 1907/2006, as amended. 1) Council Directive 67/548/EEC on the convergence of legal and administrative regulations relating to the classification, packaging and labeling of dangerous substances, as amended. Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 on the registration, evaluation, authorization and restriction of chemical substances, on the establishment of the European Chemicals Agency, on the amendment Directive 1999/45/EC and on the repeal of Council Regulation (EEC) No. 793/93, Commission Regulation (EC) No. 1488/94, Council Directive 76/796/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation of the European Parliament and of the Council (EC) No. 689/2008 of 17 June 2008 on the export and import of hazardous chemical substances.

Regulation of the European Parliament and of the Council (EC) No. 648/2004 of March 31, 2004 on detergents, as amended.

European Parliament and Council Regulation (EC) No. 850/2004 of April 29, 2004 on persistent organic pollutants and amending Directive 79/117/EEC, as amended. Regulation of the European Parliament and of the Council (EC) No. 1272/2008 of 16 December 2008 on the classification, labeling and packaging of substances and mixtures, on the amendment and repeal of Directives 67/548/EEC and 1999/45/EC and on the amendment of the Regulation (EC) No. 1907/2006, as amended.

Commission Regulation (EC) No. 440/2008 of 30 May 2008 laying down test methods pursuant to Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemical Substances, as amended . Commission Regulation (EC) No. 340/2008 of 16 April 2008 on fees and payments to the European Chemicals Agency pursuant to Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

Art. 2 paragraph 7 of the Regulation of the European Parliament and the Council (EC) no.



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1272/2008 of 16 December 2008 on the classification, labeling and packaging of substances and mixtures, on the amendment and repeal of Directives 67/548/EEC and 1999/45/EC and on the amendment of Regulation (EC) No. 1907/2006, as amended . 4) Art. 2 paragraph 8 of Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16 December 2008 on the classification, labeling and packaging of substances and mixtures, on the amendment and repeal of Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No. 1907/2006, as amended. Commission Regulation (EC) No 440/2008 of 30 May 2008 establishing test methods according to the Regulation of the European Parliament and the Council (EC) No. 1907/2006 on the registration, evaluation, authorization and restriction of chemical substances, as amended. Law no. 111/1994 Coll., on road transport, as amended, European Agreement on the International Carriage of Dangerous Goods by Road (ADR), promulgated under No. 64/1987 Coll., as amended. Act No. 114/1995 Coll., on inland navigation, as amended.

Decree No. 17/1966 Coll., on air transport regulations, as amended by Decree No. 15/1971 Coll. Act No. 61/2000 Coll., on maritime navigation. Government Regulation No. 361/2007 Coll., which establishes conditions for health protection at work, as amended by Government Regulation No. 68/2010 Coll. Art. 31 Regulation of the European Parliament and the Council (EC) No. 1907/2006 of 18 December 2006 on the registration, evaluation, authorization and restriction of chemical substances, on the establishment of the European Agency for Chemical Substances, on amendment Directive 1999/45/EC and on the repeal of Council Regulation (EEC) No. 793/93, Commission Regulation (EC) No. 1488/94, Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Art. 9 paragraph 3 and Annex VII of the Regulation of the European Parliament and the Council (EC) no. 648/2004 of March 31, 2004 on detergents, as amended. European Parliament and Council Regulation (EC) No. 850/2004 of April 29, 2004 on persistent organic pollutants and amending Directive 79/117/EEC, as amended.

15.2. Chemical safety assessment

Data not available

SECTION 16: Further information

Full text of the H-statements given in sections 2 and 3.

H315	It irritates the skin.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.

Abbreviations and acronyms

BCF	bioconcentration factor
BOD	biochemical oxygen consumption



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TIME	Chemical Abstracts Service
CLP	classification, labeling and packaging
CMR	carcinogenic, mutagenic or toxic for reproduction
COD	chemical oxygen consumption
TODAY	derived level at which no adverse effects occur
EINECS	European list of existing traded chemical substances
ELINCS	European list of notified chemical substances
GHS	globally harmonized system of classification and labeling of chemical substances
LC50	medium lethal concentration
LOAEC	the lowest concentration with an observed adverse effect
LOAEL	the lowest dose with an observed adverse effect
LOL	the lowest dose with an observed effect
NLP	a substance that is no longer considered a polymer
NOAEC	concentration with no observed adverse effect
NOAEL	dose value with no observed adverse effect
NOEC	concentration without observed effects
CHRISTMAS	no-observed-effect dose value
OECD	Organization for Economic Cooperation and Development
OEL	workplace exposure limit value
PBT	persistent, bioaccumulative and toxic
REACH Auth. well:	REACH Authorization Number
REACH AuthAppC. Well	REACH Authorization Application Consultation Number
PNEC	an estimate of the concentration at which no adverse effects occur
STOT	toxicity to specific target organs
SVHC	substance of very high concern
UVCB	substance of unknown or variable composition, complex reaction product, or biological material
vPvB	highly persistent and highly bioaccumulative

Important literature references and data sources : Supplier information and data from the "Database of Registered Substances" of the European Chemicals Agency (ECHA) were used to create this safety data sheet.

Methods used for product classification. : Classifications for human health, physical and chemical hazards and environmental hazards have been derived using a combination of calculation methods and possible, available test data.

Training Guidelines : Workers must be regularly trained on the safe handling of the products based on the information provided in the safety data sheet and local workplace conditions.
National regulations for the training of workers in the handling of hazardous substances must be observed.

|| The section has been redesigned.



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The information contained in this safety data sheet is to the best of our knowledge at the time the revision was made. The information only describes the product with regard to handling safety, it is not a quality specification, it does not establish the law. The information contained in this safety data sheet applies only to this material and may not be valid for this material used in combination with another material or in another process not described in the text.