

MATERIAL SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2020/878)

Organic Shampoo Base

1. Identification of the substance/mixture and company

Trade name: Organic Shampoo Base
Relevant identified uses: Personal Care/Cosmetic. (PC39).
Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania
Tel/Fax: +40259-436.755, www.ellemental.com
Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.
International emergency number: +49 180 2273-112

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to the regulation (EC) n°1272/2008 (CLP) and its amendments

Hazards identification:

H318 Eye Dam. 1 Causes serious eye damage

2.2 Label elements

Label elements according to the regulation (EC) n°1272/2008 (CLP) and its amendments

Labelling

Hazard pictograms



Signal word

Danger

Hazard Statements

H318

Causes serious eye damage

Precautionary Statements - Prevention

P280

Wear protective gloves/protective clothing/eye protection.

Precautionary Statements - Response

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310

Immediately call a doctor if any symptoms persist.

Contains

D-Glucopyranose, oligomers, decyl octyl glycosides, D-Glucopyranose, oligomeric, C10-16(even numbered) alkyl glycosides

2.3 Other hazards

According to Regulation (EU) 1907/2006, no substances are assessed as PBT or vPvB.

MATERIAL SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2020/878)

Organic Shampoo Base

According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substances are known to have endocrine disrupting properties.

3. Declaration of ingredients

3.1 Substances

Not applicable

3.2

Mixtures

The mixture does not contain any substances classified as Substances of Very High Concern (SVHC) by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>.

In accordance with the product knowledge, no nanomaterials have been identified. Substance Concentration (%)

Specific concentration limits Classification

D-Glucopyranose, oligomers, decyl octyl glycosides

CAS N°

68515-73-1

C= 8.05%

H318 Eye Dam. 1

EC N°

500-220-1

IDX N°

Registration number

01-2119488530-36-XXXX

D-Glucopyranose, oligomeric, C10-16(even numbered) alkyl glycosides

CAS N°

110615-47-9

C= 5.3%

H318 Eye Dam. 1

EC N°

600-975-8

IDX N°

Registration number

01-2119489418-23-XXXX

Remark

Text phrases and H- EUH-: see section 16

4. First aid measures

4.1 Description of first aid measures

General information:

When in doubt or if symptoms are observed, get medical advice.

MATERIAL SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2020/878)

Organic Shampoo Base

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Do not leave affected person unattended.

Remove victim out of the danger area.

Keep affected person warm, still and covered.

Following inhalation:

No special measures are necessary.

Provide fresh air.

Remove person to fresh air and keep comfortable for breathing.

Following skin contact:

Change contaminated, saturated clothing.

After contact with skin, wash immediately with plenty of water and soap.

Following eye contact:

Remove contact lenses, if present and easy to do. Continue rinsing.

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Protect unharmed eye.

Following ingestion:

IF SWALLOWED: Rinse mouth.

Do NOT induce vomiting.

Never give anything by mouth to an unconscious person or a person with cramps.

Self-protection of the first aider:

No special measures are necessary.

First aider: Pay attention to self-protection!.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor:

Treat symptomatically.

5. Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Foam.

Extinguishing powder.

Carbon dioxide (CO₂).

Sand.

Unsuitable extinguishing media:

Strong water jet.

MATERIAL SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2020/878)

Organic Shampoo Base

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information

Do not inhale vapors and fumes.

Co-ordinate fire-fighting measures to the fire surroundings.

Move undamaged containers from immediate hazard area if it can be done safely.

Use caution when applying carbon dioxide in confined spaces. carbon dioxide can displace oxygen.

Use water spray jet to protect personnel and to cool endangered containers.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation.

Use personal protection equipment.

6.2 Environmental precautions

Ensure that waste is collected and contained.

Contain leaks or spills within cabinets with removable trays.

No special environmental measures are necessary.

6.3 Methods and material for containment and cleaning up

Treat the recovered material as prescribed in the section on waste disposal.

Collect in closed and suitable containers for disposal.

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Wipe up with absorbent material (eg. cloth, fleece).

6.4 Reference to other sections

Safe handling: see section 7.

Disposal: see section 13.

Personal protection equipment: see section 8.

Additional information

Not available.

7. Handling and storage

7.1 Precautions for safe handling

PROTECTIVE MEASURES:

No special measures are necessary.

Use only in well-ventilated areas.

MATERIAL SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2020/878)

Organic Shampoo Base

Provide adequate ventilation as well as local exhaustion at critical locations.

Vapours/aerosols should be exhausted directly at the point of origin.

Advices on general occupational hygiene:

Wash hands before breaks and after work.

Remove contaminated, saturated clothing.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry, cool, and well-ventilated place.

Keep container in upright position in order to prevent leakage.

Requirements for storage rooms and vessels:

Ensure adequate ventilation of the storage area

7.3 Specific end uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8. Exposure controls / personal protection

8.1 Control parameters

Occupational exposure limits:

Not available.

Does not contain substances above concentration limits fixing an occupational exposure limit.

Biological limit values:

Not available

Exposure limits at intended use:

Not available

Remark:

Not available

8.2 Exposure controls

Appropriate engineering controls:

See section 7. No additional measures necessary.

Individual protection measures, such as personal protective equipment:

Eye/face protection:

Suitable eye protection:

Wear eye protection equipment.

Skin protection:

Hand protection:

Suitable gloves type:

Wear protective gloves.

Body protection:

Suitable protective clothing:

Lab coat.

No special measures are necessary.

MATERIAL SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2020/878)

Organic Shampoo Base

Respiratory protection:

Suitable respiratory protection apparatus:

None required.

Environmental exposure controls:

No special measures are necessary.

Consumer exposure controls:

Not available.

Additional information

Not available.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: yellowish

Odour: Characteristic odour

Solubility in water: Soluble

pH: 4.5 - 5.5

Initial boiling point and boiling range	: Not available
Flash point	: Not available
Flammability	: Not available
Upper/lower flammability or explosive limits	: Not available
Vapour pressure	: Not available
Vapour density	: Not available
Relative density	: Not available
Solubility(ies)	: Soluble
Partition coefficient n-octanol/water (log value)	: Not applicable
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
Dynamic viscosity	: <10000cps
Kinematic viscosity	: Not available
Oxidising properties	: Not available
Solubility in other Solvents	: Not available
Particle characteristics	: Not applicable

9.2. Other information

Information concerning to the classes of physical hazards

Not available

Other security characteristics

Not available.

MATERIAL SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2020/878)

Organic Shampoo Base

10. Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

The product is stable when stored at normal ambient temperatures.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

Additional information

Not available.

11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity:

The product is not classified.

Substances:

Not available

Acute dermal toxicity:

The product is not classified.

Substances:

Not available

Acute inhalation toxicity:

The product is not classified.

Substances:

Not available

Skin corrosion/irritation:

The product is not classified.

Substances:

Not available

Serious eye damage/irritation:

The product is not classified.

MATERIAL SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2020/878)

Organic Shampoo Base

Substances:

Not available

Skin sensitisation:

The product is not classified.

Substances:

Not available

Specific target organ toxicity (repeated exposure):

The product is not classified.

Substances:

Not available

Specific target organ toxicity (single exposure):

The product is not classified.

Substances:

Not available

Carcinogenicity:

The product is not classified.

Substances:

Not available

Reproductive toxicity:

The product is not classified.

Substances:

Not available

Germ cell mutagenicity:

The product is not classified.

Substances:

Not available

Sensitisation to the respiratory tract:

The product is not classified.

Substances:

Not available

Additional information:

Not available

11.2 Information on other hazards

Endocrine disrupting properties:

According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substances are known to have endocrine disrupting properties.

12. Ecological information

12.1 Toxicity

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

Substances:

MATERIAL SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2020/878)

Organic Shampoo Base

Not available

12.2 Persistence and degradability

The product has not been tested.

Substances:

Not available

12.3 Bioaccumulative potential

The product has not been tested.

Substances:

Not available

12.4 Mobility in soil

The product has not been tested.

Substances:

Not available

12.5 Results of PBT and vPvB assessment

According to Regulation (EU) 1907/2006, no substances are assessed as PBT or vPvB.

12.6 Endocrine disrupting properties

According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substances are known to have endocrine disrupting properties.

12.7 Other adverse effects

No data available.

Additional ecotoxicological information

Not available.

13. Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal:

Waste codes/waste designations according to EWC/AVV:

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Waste treatment options:

Appropriate disposal/Product:

Dispose of waste according to applicable legislation.

Appropriate disposal/Package:

Non-contaminated packages must be recycled or disposed of.

Contaminated packing must be completely emptied and can be reused after proper cleaning.

Packing which cannot be properly cleaned must be disposed of.

Dispose of waste according to applicable legislation.

Remark:

For recycling, contact manufacturer.

Consult the appropriate authorities about waste disposal.

Concerning the waste it has to be checked, whether a transport authorisation is required.

Do not mix with other wastes.

MATERIAL SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2020/878)

Organic Shampoo Base

Additional information

Not available

14. Transport information

14.1 UN number

The product is not hazardous according to the applicable transport regulations.

14.2 UN proper shipping name

Not regulated.

14.3 Transport hazard class(es)

Not regulated.

14.4 Packing group

Not regulated.

14.5 Environmental hazards

Not regulated.

14.6 Special precautions for user

Not regulated.

14.7 Bulk shipping according to IMO instruments

Not regulated.

Additional information

Not available

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This SDS has been established in accordance with REACH regulation, including its amendments: REACH Regulation (EC) No 1907/2006.

This SDS has been established in accordance with CLP regulation, including its amendments: CLP Regulation EC No. 1272/2008.

15.2 Chemical Safety Assessment

For this substance/mixture a chemical safety assessment is not required.

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

Additional information

Not available

16. Additional information

16.1 Abbreviations:

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Test-ing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regula-tion (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European

MATERIAL SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2020/878)

Organic Shampoo Base

Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; INCI: International Nomenclature of Cosmetic Ingredients; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; PNEC: Predicted No Effect Concentration; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; STE: Short-term exposure; STEL: Short Term Exposure limit; STOT: Specific Target Organ Toxicity; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.