



Material safety data sheet
According to EU Regulation 1907/2006 in the current version
Organic Shampoo Base

1. Identification of the substance/mixture and company

| | |
|----------------------------------|---|
| Trade name: | Organic Shampoo Base |
| INCI | Aqua, Aloe Barbadensis Leaf Juice*, Decyl glucoside, Lauryl glucoside, Xanthan gum, Potassium sorbate, Sodium benzoate, Citric acid * certified organic material |
| CAS No. : | - |
| EINESCS/EC No. : | - |
| REACH pre-registration No. : | - |
| Utilization: | Raw material for cosmetic use; PC39: Cosmetics, personal care products |
| Supplier company identification: | Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania Tel/Fax: +40259-436.755, www.elemental.eu |
| 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 under CLP: Eye Irrit. 2: H319

Most important adverse effects: Causes serious eye irritation.

2.2. Label elements

Label elements:

Hazard statements: H319: Causes serious eye irritation.

Hazard pictograms: GHS07: Exclamation mark

Signal words: Warning



Precautionary statements:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313: If skin irritation occurs: Get medical advice/attention. P337+P313: If eye irritation persists: Get medical advice/attention. P264: Wash Hands thoroughly after handling.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

3. Declaration of ingredients

3.2. Mixtures

Hazardous ingredients:

| Substance | EC No. | CAS | PBT / WEL | CLP Classification | Percent |
|------------------|-----------|-------------|-----------|---------------------------------------|---------|
| DECYL GLUCOSIDE | 259-218-1 | 54549-73-1 | - | Skin Irrit. 2: H315; Eye Dam. 1: H318 | 5-20% |
| LAURYL GLUCOSIDE | / | 110615-47-9 | - | Skin Irrit. 2: H315; Eye Dam. 1: H318 | 2-5% |



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4. First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes.
Ingestion: Wash out mouth with water.

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

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be vomiting.
Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

5. Fire fighting measures

5.1. Extinguishing media

Extinguishing media: Carbon dioxide. Dry chemical powder. Water spray.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of MSDS.

7. Handling and storage



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7.1. Precautions for safe handling

Handling requirements: Wear Gloves

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area.

Suitable packaging: Must only be kept in original packaging. Do not use aluminium containers. Do not use steel containers.

7.3. Specific end use(s)

Specific end use(s): No data available.

8. Exposure controls / personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Environmental: An environmental assessment must be made to ensure compliance with local environmental legislation

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Clear to slight yellow liquid

Odour: Characteristic odour

Solubility in water: Soluble

Viscosity cps: 3000 – 8000

Kinematic viscosity: 100-10000

Viscosity test method: Brookfield DV-I, Sp3, 12 U/min, 20°C

Boiling point/range°C: ~100

Flash point°C: no data available

pH: 4.5 – 5.5

9.2. Other information

Other information: No data available.

10. Stability and reactivity

10.1. Reactivity



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Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Not applicable.

10.6. Hazardous decomposition products

Haz. decomp. products: No data available.

11. Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

DECYL GLUCOSIDE

DERMAL LD50 >2000 mg/kg

ORL LD50 >2000 mg/kg

LAURYL GLUCOSIDE

DERMAL LD50 >5000 mg/kg

ORL LD50 >5000 mg/kg

Relevant hazards for product:

| Hazard | Route | Basis |
|-------------------------------|-------|-----------------------|
| Serious eye damage/irritation | OPT | Hazardous: calculated |

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be vomiting.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

12. Ecological information

12.1. Toxicity

Hazardous ingredients:

DECYL GLUCOSIDE

FISH 96H LC50 100 mg/l



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12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Soluble in water. Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

13. Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company. Dispose of according to national regulations. Consult relevant authority for waste guidelines

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. Transport information

14.1. UN number

UN number: Not classified

14.2. UN proper shipping name

NA

14.3. Transport hazard class(es)

NA

14.4. Packing group

NA

14.5. Environmental hazards

Environmentally hazardous: No Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions. Not classified for transport by air (IATA)

15. Regulatory information



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

Specific regulations: Non Applicable - This Product is not classed as hazardous for supply/use

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier

16. Additional information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

Phrases used in s.2 and s.3:

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

16.1 Abbreviations

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

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STE: Short-term exposure.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

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.