

Material safety data sheet

According to Regulation (EC) No 1907/2006, modified by the Commission Regulation (EU) 2020/878

HAIR-PROTECT

1. Identification of the substance/mixture and company

Trade name: Hair-Protect
INCI: Aqua, Glycerin, Cystoseira Compressa Extract, Zea Mays Starch, Dehydroacetic Acid, Benzyl Alcohol, Sodium Benzoate, Gluconolactone, Calcium Gluconate
Utilization: Cosmetic ingredient
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 Regulation (EC) No 1272/2008
This product is not classified as hazardous

2.2. Label elements:
Labelling according to Regulation (EC) No 1272/2008
Hazard pictogram:
Signal word:

Hazard statements:

Precautionary statements:

2.3. Other hazards

None known

3. Declaration of ingredients

Substances/Mixtures [EU]	CAS	EINECS	CLASIFICATION
Aqua 40 - 60 %	7732-18-5	231-791-2	
Glycerin 40 - 60 %	56-81-5	200-289-5	
Cystoseira Compressa Extract 1 - 3 %	---	---	
Zea Mays Starch 3 - 5 %	9005-25-8	232-679-6	
Benzyl Alcohol 0,425 - 0,623 %	100-51-6	202-859-9	H302,H332
Dehydroacetic Acid 0,035 - 0,063 %	520-45-6	208-293-9	H302,H412
	771-03-9	212-227-4	
	16807-48-0		
Sodium Benzoate 0,2 - 0,3 %	532-32-1	208-534-8	H319
Gluconolactone 0,7 - 0,8 %	90-80-2	202-016-5	
Calcium Gluconate 0,005 - 0,015 %	299-28-5	206-075-8	

Material safety data sheet

According to Regulation (EC) No 1907/2006, modified by the Commission Regulation (EU) 2020/878

HAIR-PROTECT

See full text of the hazard and risk phrases in section 16

4. First aid measures

4.1. Description of first aid measures

In case of:

Skin Contact:

Remove clothing contaminated with the product immediately.

Wash with soap and water.

Eye Contact:

Rinse away thoroughly with water at least for 15 minutes.

Ingestion:

If large amount swallowed or symptoms develop obtain medical attention.

Inhalation:

Remove victim to fresh air.

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

None known

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

No data available.

5. Fire fighting measures

5.1. Extinguishing media

It may produce irritant gases in case of fire.

Extinguishing Media:

Dry chemical

Alcohol type foam

Water spray, CO2

5.2. Special hazards arising from the substance or mixture

None known

5.3. Advice for firefighters

Use air supplied breathing equipment for enclosed areas. Cool exposed containers with water spray. Avoid breathing vapor and fumes.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Do not try to clean up the leak without the proper protective equipment.

6.2. Environmental precautions

Avoid liquid to enter sewer/public waters

Absorb the small overflows with inert solids

Notify environmental authorities in case of large leaks.

Material safety data sheet

According to Regulation (EC) No 1907/2006, modified by the Commission Regulation (EU) 2020/878

HAIR-PROTECT

6.3. Methods and material for containment and cleaning up

Do not try to clean up the leak without the proper protective equipment.

6.4. Reference to other sections

No data available

7. Handling and storage

7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practices.

7.2. Conditions for safe storage, including any incompatibilities

Store protected from light and humidity in tightly closed vessels at room temperature.

7.3. Specific end uses

No data available

8. Exposure controls / personal protection

8.1. Control parameters

Exposure limit during work for Glycerin (mist): TLV-TWA: 10 mg/m³

8.2. Exposure controls

Respiratory protection:

Not needed

Body protection:

Not needed

Eye protection:

Not needed

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Viscous liquid

Colour: Brown

Odour: Characteristic.

Odour threshold: No data available

pH: <7.5, within the established safety limits: 2 - 11.5 (according to EC 440/2008 part B.4, OCDE n° 404).

Melting point/freezing point: No data available

Boiling point or initial boiling point and boiling range: No data available

Flash point: >100°C

Evaporation rate: No data available

Flammability: No data available

Lower and upper explosion limit: No data available

Vapour pressure: No data available

Relative vapour density: No data available

Density and/or relative density: >1.000

Solubility: Moderately soluble in aqueous solutions

Partition coefficient n-octanol/water (log value): No data available

Material safety data sheet

According to Regulation (EC) No 1907/2006, modified by the Commission Regulation (EU) 2020/878

HAIR-PROTECT

Auto-ignition temperature: 405°C
Decomposition temperature: No data available
Kinematic viscosity: No data available
Particle characteristics: Non applicable.
Explosive properties: No data available
Oxidising properties: No data available

9.2. Other information

No data available

10. Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

Stable under usual conditions

10.3. Possibility of hazardous reactions

Will not occur.

10.4. Conditions to avoid

Keep sources of ignition at a distance.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

Will not occur.

11. Toxicological information

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

Acute toxicity: No toxic

Skin corrosion/irritation: No irritant

Serious eye damage/irritation: No irritant

Respiratory or skin sensitisation: No sensitizant

Germ cell mutagenicity: No mutagenic

Carcinogenicity: No carcinogenic

Reproductive toxicity: No toxic

STOT-single exposure: No toxic

STOT-repeated exposure: No toxic

Aspiration hazard: No data available

11.2 Information on other hazards

Endocrine disrupting properties: No data available

Other information: No data available

12. Ecological information

Material safety data sheet

According to Regulation (EC) No 1907/2006, modified by the Commission Regulation (EU) 2020/878

HAIR-PROTECT

12.1. Toxicity

Glycerin: Multiplication inhibition test in algae (*Microcystis aeruginosa*) and protozoa (*Entosiphon sulcatum*): Toxicity threshold = 2900 mg/l and 3200 mg/l (HSDB no. 492, revision: 20050624).

Glycerin (HSDB no. 492, revision: 20050624): LC50 goldfish > 5000 mg/l/24h.

12.2. Persistence and degradability

Glycerin (HSDB no. 492, revision: 20050624): Activated sludge test: 220 mg/l resulted in a COD of 97%; Test in a 5 days: BOD = 82%. Glycerin is considered an easily degradable substance.

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. Endocrine disrupting properties

No data available

12.7. Other adverse effects

No data available

13. Disposal considerations

13.1. Waste treatment methods

The product or water contaminated must not be considered as dangerous residues. Eliminate according to the existing regulations.

14. Transport information

Non-dangerous product for the transport

14.1. UN number or ID number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Maritime transport in bulk according to IMO instruments

15. Regulatory information

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

Material safety data sheet

According to Regulation (EC) No 1907/2006, modified by the Commission Regulation (EU) 2020/878
HAIR-PROTECT

No data available
15.2 Chemical safety assessment
No data available

16. Additional information

H302 - Harmful if swallowed.
H319 - Causes serious eye irritation.
H332 - Harmful if inhaled.
H412 - Harmful to aquatic life with long lasting effects.

16.2. 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.

DECLARATION OF ALLERGENS

7th Amendment to Directive 76/768/EC, annex III, part I (2003/15/EC)

Compounds	C.A.S	% Natural	% Synthetic	% Total
3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde	31906-04-4	-	-	-
alpha-Amylcinnamyl alcohol	101-85-9	-	-	-
alpha-Amylcinnamaldehyde	122-40-7	-	-	-
alpha-Hexylcinnamaldehyde	101-86-0	-	-	-
alpha-iso-Methylionone	127-51-5	-	-	-
Anisyl alcohol	105-13-5	-	-	-

Material safety data sheet

According to Regulation (EC) No 1907/2006, modified by the Commission Regulation (EU) 2020/878

HAIR-PROTECT

Benzyl alcohol	100-51-6	-	-	-
Benzyl benzoate	120-51-4	-	-	-
Benzyl cinnamate	103-41-3	-	-	-
Benzyl salicylate	118-58-1	-	-	-
Cinnamaldehyde	104-55-2	-	-	-
Cinnamyl alcohol	104-54-1	-	-	-
Citral	5392-40-5	-	-	-
Coumarin	91-64-5	-	-	-
dl-Citronellol	106-22-9	-	-	-
d-Limonene	5989-27-5	-	-	-
Eugenol	97-53-0	-	-	-
Farnesol	4602-84-0	-	-	-
Geraniol	106-24-1	-	-	-
Hydroxycitronellal	107-75-5	-	-	-
Isoeugenol	97-54-1	-	-	-
Linalool	78-70-6	-	-	-
Methyl 2-octynoate	111-12-6	-	-	-
Oakmoss absolute	9000-50-4	-	-	-
p-t-Butyl-alpha-methylhydrocinnamic aldehyde	80-54-6	-	-	-
Treemoss (E. furfurac.)	68648-41-9	-	-	-

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.