



Material safety data sheet
According to EU Regulation 1907/2006 in the current version
Propolis Extract

1. Identification of the substance/mixture and company

Trade name:	Propolis extract
INCI	Hydroglicerol propolis extract, highly purified in flavonoids
CAS No. :	Propolis extract, Glycerin, Aqua
EINECS No. :	85665-41-4, 56-81-5, 7732-18-5
REACH pre-registration No. :	288-130-6, 200-289-5, 231-791-2
Utilization:	-
Supplier company identification:	Raw material for cosmetic or professional use
Emergency:	Elemental SRL , Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania Tel/Fax: +40259-436.755, www.elemental.eu 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: The product is not classified according to the regulation on classification, labeling and packaging (CLP).

2.2 Label elements

Labeling according to Regulation (EC) no. 1272/2008: does not appear

Hazard icons: do not appear

Warning word: does not appear

Danger phrases: do not appear

2.3 Other hazards

Results of PBT and vPvB evaluation

PBT: not applicable

vPvB: not applicable

3. Declaration of ingredients

3.1 Chemical characterization: Mixtures

3.2 The product contains the following ingredients:

Substance	CAS	EINECS	Hazard symbols	Percent %
Glycerin	56-81-5	200-289-5	-	80 - 95



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4. First aid measures

4.1 Description of first aid measures

General information: Seek medical treatment in case of complaints.

After inhalation: The patient should be transported to a well-ventilated place and in case of side effects consult the doctor.

After skin contact: Wash contaminated skin with soap and plenty of water.

After eye contact: Immediately wash your eyes with plenty of water while lifting your eyelids for at least 15 minutes. Remove the contact lenses. If irritation persists, seek medical attention.

After swallowing: Rinse mouth immediately with water. Never give an unconscious person anything to drink / eat. No vomiting is induced.

4.2 Most important symptoms and effects, both acute and delayed: There is no other relevant information.

4.3 Information on any kind of immediate medical care and special treatment needed: There is no other relevant information

5. Fire fighting measures

5.1 Extinguishing media

Suitable extinguisher: In case of fire, spray water (mist), foam, dry chemicals or CO₂.

5.2 Special hazards caused by the substance or mixture in question

In case of fire, it can form: acrolein, harmful vapors, it can cause evolution of smoke / fog.

In the event of fire, do not breathe in smoke, gases or vapors generated.

5.3 Recommendations for firefighters

Specific protection means: A respiratory protection device with autonomous feeding capacity must be used. The full protective equipment must be used.

Other indications

Endangered tanks should be cooled with a jet of water. Residues remaining after fire should be disposed of in accordance with law and contaminated water may be used for extinguishing.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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Protective equipment must be used. It is necessary to remove persons who are not suitably equipped. Sufficient ventilation must be ensured. Do not eat, drink or smoke during work. Avoid heat, flames, sparks and other sources of ignition. Measures against electrostatic charge will be taken.

6.2 Environmental precautions:

Infiltration into sewage / surface water / groundwater should be avoided. Do not spill into sewers, waterways or into the ground.

6.3 Methods and material for fireproofing and cleaning

For large quantities: Dike leak. Remove the product.

For residues: Lift with appropriate absorbent material. The collected material must be disposed of in the manner prescribed by law.

6.4 References to other sections

For information on safe handling see Chapter 7.

For information on personal protective equipment see chapter 8.

For information on residues, see chapter 13.

7. Handling and storage

7.1 Precautions for safe handling

Usually safety precautions should be followed to ensure safe handling safety. Good ventilation / aspiration at the workplace must be ensured. Do not eat, drink or smoke during work.

Indications in case of fire or explosion: Avoid heat, flames, sparks and other sources of ignition. Measures against electrostatic charge will be taken.

7.2 Conditions for safe storage, including any incompatibilities

Storage mode: Store in a dry place. Keep in a well-ventilated place. The product will only be stored in its original packaging.

Mixed storage information: Store separately from: oxidizing agents, iron. Do not store in contact with flammable substances.

Other information regarding storage conditions: The tanks will be sealed tightly. Keep away from heat and sunlight.

7.3 Specific end use (s): There is no other relevant information

8. Exposure controls / personal protection



Further information on technical installations: Without further details, see section 7.

8.1 Control parameters



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Ingredients whose limit values must be kept under control at the workplace: The product does not contain relevant quantities of substances whose limit values must be kept under control.

Additional information: Use technical controls to reduce air pollution.

8.2 Exposure controls

Personal protective equipment: See known protection measures when handling chemicals. Local ventilation required. It is forbidden to eat, drink, smoke and smoke tobacco during work. Keep away from heat, sparks and open flame.

General rules of protection and hygiene during work: Wash hands before breaks and at the end of work. Eye wash and safety showers should be available when handling this product.

Protective mask: (filter: FFP2) In environments with insufficient ventilation the protective mask will be used. In the case of short, minimal but also long exposures the mask will be used.

Hand protection: Protective gloves. The material of which the gloves are made must be waterproof and product resistant. Suitable chemically resistant protective gloves (recommended: EN 374, recommended: Protection index 6, corresponding > 480 minutes permeation conform to EN 374): Nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) and other.

Penetration time of glove material: The exact penetration time must be found and respected by the manufacturer of protective gloves.

Eye protection: Well-closed protective goggles.

Face protection: (EN 166)

Body protection: Wear appropriate protective clothing.

9. Physical and chemical properties

9.1 Information on physical and chemical properties

Appearance: liquid

Color: Amber yellow to brown beige; semi-limpid

Odor: characteristic

Relative density (d 20 / 20): 1,17 - 1,27

Refractive index at 20°C: NA

Optical rotation (°): NA

Flash point: NA

Odor threshold: NA

pH: 4.0 - 5.0

Melting point / freezing point: NA

Initial boiling point and boiling range: NA

Evaporation rate: NA

Flammability (solid, gas): not flammable

Upper / lower flammability or explosive limits: NA

Vapor tension: NA

Vapor density: NA

Solubility in water: partially soluble

Partition coefficient: n-octanol / water NA

Auto-ignition temperature: NA

Decomposition temperature: NA

Viscosity: NA

Explosive properties: not explosive



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Oxidizing properties: none

9.2 Other information

None

10. Stability and reactivity

10.1 Reactivity

No other relevant information.

10.2 Chemical stability: Stable under recommended storage conditions.

Thermal decomposition / conditions to avoid: The product does not decompose if handled and stored according to rules.

10.3 Possibility of hazardous reactions: No known hazardous reactions.

10.4 Conditions to avoid: Avoid heat, flames, sparks and other sources of ignition, electrostatic loads. Do not expose to heat and direct sunlight. Store away from flammable substance.

10.5 Incompatible materials: Oxidizing agents, metals.

10.6 Hazardous decomposition products: acrolein, toxic fumes

11. Toxicological information

11.1 Information on toxicological effects

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

LD / LC50 values relevant for classification: Oral LD50 12.600 mg / kg (rat)

Skin corrosion / irritation: Based on the available data, the classification criteria are not met.

Serious injury / eye irritation: Based on available data, the classification criteria are not met.

Ingestion: No specific health warnings noted.

Inhalation: No specific health warnings noted.

Sensitization of the airways or skin: Based on the available data, the classification criteria are not met.

Information on the following groups of possible effects: CMR effects (carcinogenic, mutagenic and toxic effects for reproduction) and Mutagenicity of germ cells: Based on the available data, the classification criteria are not met.

STOT (specific target organ toxicity) - single exposure: Based on the available data, the classification criteria are not met.



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STOT (specific target organ toxicity) - repeated exposure: Based on the available data, the classification criteria are not met.

Danger by aspiration: Based on the available data, the classification criteria are not met.

12. Ecological information

12.1 Aquatic toxicity: No other relevant information available.

12.2 Persistence and degradability: Rapidly biodegradable.

12.3 Bioaccumulation potential: No other relevant information.

12.4 Mobility in soil: No other relevant information.

Other ecological indications:

General information: Water hazard class 1 (Self-classification): slightly hazardous. Spillage into the environment must be avoided.

12.5 Results of PBT and vPvB evaluation

PBT: not applicable

vPvB: Not applicable

12.6 Other adverse effects: No further relevant information available.

13. Disposal considerations

13.1 Waste treatment methods

Recommendation: Remove according to the requirements of the Local Authority

Impure packaging: The uncontaminated packaging can be taken for recycling. Disposal of waste according to administrative provisions.

14. Transport information

14.1 UN number

ADR: -

IMDG: -

IATA: -

Customs Code: -

14.2 UN shipping name

ADR: Not dangerous goods



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IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3 Class of danger for transport

ADR: -

IMDG: -

IATA: -

14.4 Packing group

ADR: -

IMDG: -

IATA: -

Not classified as hazardous under transport regulations (ADR, RID, IATA-DGR, IMDG).

15. Regulatory information

15.1 Specific regulations (legislation) in the field of safety, health and the environment for the substance or mixture concerned

Labeling: according to Regulation (EC) no. 1272/2008.

Hazard statements: Please refer to section 2.

Directive 2012/18 / EU: Name of dangerous substances - ANNEX I, none of the substances contained are recorded.

National regulations: Indications regarding the limitation of activity: Observe the limits of lucrative activity for children.

15.2 Chemical safety assessment: No chemical safety assessment was performed.

16. Additional information

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.



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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)

INCI	CAS	%
Alpha-Hexyl cinnamic aldehyde (HCA)	101-86-0	-
Amyl cinnamic alcohol	101-85-9	-
Amyl cinnamic aldehyde (ACA)	122-40-7	-
Anisyl alcohol	105-13-5	-
Benzyl salicylate	118-58-1	-
Benzyl benzoate	120-51-4	-
Benzyl cinnamate	103-41-3	-
Benzyl alcohol	100-51-6	-
Cinnamic alcohol	104-54-1	-
Cinnamic aldehyde	104-55-2	-
Citral	5392-40-5	-
Citronellol	106-22-9	-
Coumarin (2p-1-benzopyran-2-one)	91-64-5	-
d-Limonene	5989-27-5	-
Eugenol	97-53-0	-
Farnesol	4602-84-0	-
Geraniol	106-24-1	-
Lylal (Hydroxymethylpentyl cyclohexene carbaldoxaldehyde)	31906-04-4	-
Hydroxycitronellal	107-75-5	-
Isoeugenol	97-54-1	-
alpha-Iso-methyl ionone	127-51-5	-
Linalool	78-70-6	-
Methyl heptine carbonate	12/06/11	-
Oakmoss absolute	9000-50-4	-
p-tert-Butyl-alpha- methylhydrocinnamic aldehyde	80-54-6	-
Tree moss	68648-41-9	-



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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.