



Material safety data sheet

According to EU Regulation 1907/2006 in the current version

MASOY BARK CO2 EXTRACT

1. Identification of the substance/mixture and company

Trade name:	Massoy CO2 extract
	Natural product obtained from the bark of the Massoy tree
I.N.C.I.	Cryptocarya massoy bark extract
CAS No. :	85085-26-3
EINESCS No. :	285-357-2
REACH pre-registration No. :	-
Utilization:	Raw material for cosmetic or professional use
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

The product is classified as dangerous according to the provisions of the Directive 67/548 / EEC and 1999/45 / EC and subsequent amendments and adjustments. It is also classified dangerous according to EC Regulation 1272/2008.

The product therefore requires a safety data sheet in accordance with the provisions of the EC Regulation 1907/2006 and subsequent amendments.

The full text of the risk phrases and precautionary phrases cited below is shown in point 16 of this sheet.

Classification according to EC Reg. 1272/2008 (Norm. GHS-CLP).

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Respiratory or skin sensitisation: Skin Sens. 1

Hazard Statements:

Causes skin irritation.

Causes serious eye irritation.

May cause an allergic skin reaction.

2.2 Label elements

Hazard pictograms:



Hazard statement:

H315 – Causes skin irritation

H317 – May cause an allergic skin reaction

H319 – Causes serious eye irritation

Precautionary statement:



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P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.

P333 + P313 – If skin irritation or rash occurs: Get medical advice/attention

P362 + P364 – Take off contaminated clothing and wash it before reuse

P305 + P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Special instructions: none

2.3 Other hazards

Special skid risk by leaking/spilling product.

3. Declaration of ingredients

The product contains the following ingredients:

Substance	C.A.S.	EINECS	Hazard symbols	Percent %
Cryptocaria massoia, ext	85085-26-3	285-357-2	H315, H319, H317	100%

4. First aid measures

4.1 Description of first aid measures

General information: Seek medical attention if problems persist.

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

In case of contact with eyes: In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

In case of inhalation: Provide fresh air.

In case if ingestion: Rinse mouth immediately and drink large quantities of water. Consult physician.

4.2 Main symptoms and effects, both acute and delayed

No data available

4.3 Indication to consult a physician immediately or any special treatments

No data available

5. Fire fighting measures

5.1 Means of extinction

Suitable extinguishing media: foam, carbon dioxide (CO₂), powder

Unsuitable extinguishing media: water spray

5.2 Special hazards arising from the substance or mixture

Flammable vapors can accumulate in steam space of closed systems.

5.3 Recommendations for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

6. Accidental release measures



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6.1 Personal precautions, protective devices and emergency procedures

Avoid contact with skin, eye and clothing.
Wear personal protection equipment.
Provide adequate ventilation.
Wear respiratory protection when in the presence of vapor, dust, and aerosols.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and materials for containment and remediation

Take up with oil-absorbing compound. Remove mechanically, placing in appropriate containers for disposal.

6.4 Reference to other sections

Disposal of the contaminated material must be carried out in accordance with the provisions of point 13.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling:
Avoid contact with skin, eye and clothing.
Wear suitable protective clothing, gloves and eye/face protection.
Do not breathe gas/fumes/vapor/spray.

Advice on protection against fire and explosion: Keep away from sources of ignition - No smoking

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels: Store in a well-ventilated place. Keep container tightly closed.

7.3 Specific end uses

None

8. Exposure controls / personal protection

8.1 Control parameters

There are no specific control parameters.

8.2 Exposure controls



Protective and hygiene measures: Change contaminated clothing.

Hand protection: When handling chemical substances, chemical protective clothing with CE label (including a four digit code) must be worn. EN 374



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Skin protection: Only wear fitting, comfortable and clean protective clothing. Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap.

Respiratory protection: Do not breathe gas/fumes/vapor/spray. Respiratory protection required in case of: aerosol or mist generation.

Eye protection: Wear eye/face protection.

9. Physical and chemical properties

9.1 Information on physical and chemical properties

Appearance: liquid

Color: yellow

Odor: characteristic, coconut-like

pH-Value: No data available

Changes in the physical state

Melting point: No data available

Initial boiling point and boiling range: No data available

Sublimation point: No data available

Softening point: No data available

Pour point: No data available

Flash point: > 61 °C (closed cup)

Flammability

Solid: No data available

Gas: No data available

Explosive properties: No data available

Lower explosion limits: No data available

Upper explosion limits: No data available

Ignition temperature: No data available

Auto-ignition temperature

Solid: No data available

Gas: No data available

Decomposition temperature: No data available

Oxidizing properties: No data available

Vapor pressure: No data available

Density (at 20 °C): 0,980 - 1,010 g/cm³ (pycnometer)

Bulk density: No data available

Water solubility: insoluble

Partition coefficient: No data available

Viscosity / dynamic: No data available

Viscosity / kinematic: No data available

Flow time: No data available

Vapor density: No data available

Evaporation rate: No data available

Solvent separation test: No data available

Solvent content: No data available

9.2 Other information

Solid content: No data available



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10. Stability and reactivity

10.1 Responsiveness

No data available

10.2 Chemical stability

No data available

10.3 Possibility of dangerous reactions

No data available

10.4 Conditions to avoid

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

10.5 Incompatible materials

Oxidizing agents.

10.6 Hazardous decomposition products

No ignition, explosion, self-heating or visible decomposition.

11. Toxicological information

11.1 Information on toxicological effects

Toxicokinetics, metabolism and distribution: No data available

Acute toxicity: No data available

12. Ecological information

12.1 Toxicity

No special environmental protection measures are necessary.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulation potential

No data available

12.4 Ground mobility

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

Not applicable

13. Disposal considerations

13.1 Waste treatment methods

Advice on disposal: Waste disposal according to official state regulations.



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Waste disposal number of waste from residues/unused products: 160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing hazardous substances; hazardous waste
Contaminated packaging: Waste disposal according to official state regulations.

14. Transport information

14.1 UN number

ADR: No dangerous good in sense of this transport regulation.
IMDG: No dangerous good in sense of this transport regulation.
IATA: No dangerous good in sense of this transport regulation.

14.2 UN shipping name

ADR: No dangerous good in sense of this transport regulation.
IMDG: No dangerous good in sense of this transport regulation.
IATA: No dangerous good in sense of this transport regulation.

14.3 Class of danger for transport

ADR: No dangerous good in sense of this transport regulation.
IMDG: No dangerous good in sense of this transport regulation.
IATA: No dangerous good in sense of this transport regulation.

14.4 Packing group

ADR: No dangerous good in sense of this transport regulation.
IMDG: No dangerous good in sense of this transport regulation.
IATA: No dangerous good in sense of this transport regulation.

14.5 Environmental hazards

Not applicable

14.6 Special precautions for users

No data available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

No data available

15. Regulatory information

15.1 Regulations and legislation on health, safety and environment specific to the substance or mixture

National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water contaminating class (D): 1 - slightly water contaminating

15.2 Chemical safety assessment.

No data available

16. Additional information

16.1 Abbreviations:



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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.

16.2 Full text of the H phrases mentioned in point 3:

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

DECLARATION OF ALLERGENS

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

I.N.C.I.	C.A.S.	%
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	< 8.0000
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	-



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Eugenol	97-53-0	-
Farnesol	4602-84-0	-
Geraniol	106-24-1	-
Lyral (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	-

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.