



Material safety data sheet
According to EU Regulation 1907/2006 in the current version
COMFREY OIL

1. Identification of the substance/mixture and company

Trade name:	Comfrey, Infused in sunflower oil
I.N.C.I.	Helianthus Annus Seed Oil, Symphytum Officinale Leaf Extract
CAS No. :	84696-05-9 & 8001-21-6
EINESCS No. :	283-625-3 & 232-273-9
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

Classification (67/548/EEC) This product is not dangerous according to REACH Regulation 1907/2006.

Classification (EU1272/2008)

This product does not belong to any list of substances supposedly hazardous to human or animal health according to EU Regulation 1272/2008 & any further amendments, nor to those having recognized exposition limits. Care should be taken when handling hot oil as it may constitute a burn hazard. Spills can constitute a slippage hazard.

2.2 Label elements

Label in accordance with Regulation (EC) No 1272/2008

GHS Label:None.

Signal Word:None.

Contains:None.

Hazards Statement:None.

Signal Word:None.

Precautionary Statements:None.

Supplementary Precautionary Statements:None.

2.3 Other Hazards

Adverse physio-chemical properties:None.

Adverse effects on human health:None

3. Declaration of ingredients

3.1. Substances

Not Applicable.

3.2 Mixtures

Not Applicable

4. First aid measures

General Information: Always remove contaminated clothing immediately.



Material safety data sheet

According to EU Regulation 1907/2006 in the current version

COMFREY OIL

Inhalation: Not expected for this particular product, however always best avoiding proactive inhalation.

Ingestion: No instruction as this is a non-toxic product.

Skin Contact: No instruction as this is a non-toxic product.

Eye Contact: Wash immediately & thoroughly with clean tap water

4.2 Most important symptoms & effects (Acute & Delayed)

None.

4.3 Indication of any immediate medical attention or special treatment required

Not Applicable.

5. Fire fighting measures

5.1 Extinguishing material

Foam, Co2, Dry Chemical Powder.

5.2 Special hazards arising from the substance or mixture

This product may only form ignitable mixtures or burn above the flash point. Dangerous combustion products include smoke & oxides of carbon.

5.3 Advice for fire-fighters

Standard. Wear self-contained breathing apparatus in confined spaces

6. Accidental release measures

6.1 Personal precautions

None Required.

6.2 Environmental precautions

None Required.

6.3 Methods & material for containment and cleaning up

Spills can be absorbed by cloth or sawdust, washed away with water & cleaned with sodic products.

6.4 References to other sections

Refer & consider section 8.

Refer & consider section 13.

7. Handling and storage

7.1 Precautions for safe-handling

Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Prevent spills & leaks to avoid slip hazard. Always wear personal protective clothing (refer to section 8). Do not eat, drink, sniff or smoke whilst handling this product. Provide suitable mechanical equipment for the safe handling of drums & heavy packages.

7.2 Conditions for safe storage, including any incompatibilities



Material safety data sheet
According to EU Regulation 1907/2006 in the current version
COMFREY OIL

Keep the product container tightly closed, in a dry, ventilated area (at temperatures <20°C). Keep away from potential sources of ignition and protected from light. Maintain limited contact with oxygen.

7.3 Specific end use(s)

No Data.

8. Exposure controls / personal protection

8.1 Control Parameters

None.

8.2 Exposure Controls

Eye Protection Not required as a non-toxic product, however we still recommend taking precautions by wearing protective eye-wear when handling the product.

Hand Protection:None.

Respiratory Equipment:None.

Hygiene Measures:None.

Engineering Measures:None.

9. Physical and chemical properties

9.1 Information on physical and chemical properties

Appearance: oily liquid

Color: yellow-brownish

Odor: characteristic

pH-value: No data

Relative density: No data

Melting point: not applicable

Boiling point: >100°C.

Sublimation point: no data available

Softening point: no data available

Flash point: >280°C

Refractive Index: 1.462- 1.510

Lower explosion limits: no data available

Upper explosion limits: no data available

Vapor pressure: no data available

Density : no data available

Water solubility: Insoluble

Solubility in other solvents: no data available

Autoignition T° : not applicable

Autoignition : does not ignite spontaneously

Partition coefficient: no data available

Vapor density: no data available

9.2 Other information

None

10. Stability and reactivity

10.1 Reactivity



Material safety data sheet

According to EU Regulation 1907/2006 in the current version

COMFREY OIL

Not Applicable.

10.2 Chemical stability

Stable under suggested storage conditions (<20°C).

10.3 Possibility of hazardous reactions

No.

10.4 Conditions to avoid

Storage at high temperatures. Do not store above 20°C.

10.5 Incompatible materials

Concentrated acids, alkalis & oxidising agents.

10.6 Hazardous decomposition products

This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes & smoke.

11. Toxicological information

11.1 Information on toxicological effects

Acute Toxicity

A non-toxic product. For pharmaceutical & cosmetic use only. This product does not carry a microbiological specification as it is sterilised in the refining process. It does not contain any impurities. This product is not included in the list of substances prohibited in cosmetic products or subject to restrictions. It does not contain colorants, preservatives or UV filters (Annex II – VI of EU regulation 1223/2009).

Skin irritation: Not Applicable.

Eye damage or irritation: Not Applicable.

Respiratory or skin sensitivity: Not Applicable.

Germ cell mutagenicity: Not Applicable.

Carcinogenicity: Not Applicable.

Reproductive toxicity: Not Applicable.

STOT – single exposure: Not Applicable.

STOT – repeated exposure: Not Applicable.

Aspiration hazard: Not Applicable.

Other information: Not Applicable

12. Ecological information

12.1 Toxicity

Low – None.

12.2 Persistence & degradability

>90% (OECD)

12.3 Bio- accumulative potential

None.

12.4 Mobility in soil

Low – None.

12.5 Results of PBT & VPVB assessment

Not Available.



Material safety data sheet
According to EU Regulation 1907/2006 in the current version
COMFREY OIL

12.6 Other adverse effects
None.

13. Disposal considerations

13.1 Waste treatment methods

Always recover spilled product. Discard waste material with authorized waste management services. Act in accordance with local & national waste regulations.

14. Transport information

Warning icon : Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO), transport not restricted in drums or food tankers.

Shipping Name: Not Applicable.

UN Number (Road): Not Applicable.

ADR Class: Not Applicable.

Hazard Number (ADR): Not Applicable.

Hazchem Code: Not Applicable.

UN Number (Sea): Not Applicable.

IMDG Class: Not Applicable.

IMDG Pack GR.: Not Applicable.

EMS: Not Applicable.

UN Number (Air): Not Applicable.

Air Class: Not Applicable.

Air Pack GR.: Not Applicable.

15. Regulatory information

15.1 Product specific safety, health & environmental regulations & legislation

EU Directives

Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18th December 2006. Concerning the registration, evaluation, authorization & restriction of chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing council regulation (EEC) No793/93 & commission regulation (EC) No1488/94 as well as council directive 76/769/EEC & commission directive 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (including amendments).

Statutory Instruments

The Chemicals (Hazard Information & Packaging for Supply Regulations 2009 (S.I.2009 No 716).

Approved Code of Practice

Classification & labelling of substances & preparations dangerous for supply. Safety data sheets for substances & preparations.

Guidance Notes

Workplace exposure limits EH40. CHIP for everyone HSG 108.

15.2

Chemical Safety Assessment

Assessment has not been carried out as this is a non-hazardous material according to article 31 of REACH 1907/2006.



Material safety data sheet

According to EU Regulation 1907/2006 in the current version

COMFREY OIL

16. Additional information

16.1 Abbreviations:

MSDS Material Safety Data Sheet.

INCI International Nomenclature of Cosmetic Ingredients.

CAS Chemical Abstract Service.

IMDG International Maritime code for Dangerous Goods.

ADR Accord European sur le transport des marchandises Dangereuses par Route (European Agreement concerning the international Carriage of Dangerous goods by Road).

RID International Carriage of Dangerous Goods by Rail.

ICAO International Civil Aviation Organization.

ADN International Carriage of Dangerous Goods by Inland Waterways.

GHS Globally Harmonized System of classification & labelling of chemicals.

Trem Card Transport Emergency Card.

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)

I.N.C.I.	C.A.S.	%
Amyl Cinnamal	122-40-7	0.00
Benzyl Alcohol	100-51-6	0.00
Cinnamyl Alcohol	104-54-1	0.00
Citral	5392-40-5	0.00
Eugenol	97-53-0	0.00
Hydroxy-citronellal	107-75-5	0.00
Isoeugenol	97-54-1	0.00



Material safety data sheet

According to EU Regulation 1907/2006 in the current version

COMFREY OIL

Amylcin-namyl Alcohol	101-85-9	0.00
Benzyl Salicylate	118-58-1	0.00
Cinnamal	104-55-2	0.00
Coumarin	91-64-5	0.00
Geraniol	106-24-1	0.00
Hydroxy-methylpentylcyclohexenecarboxaldehyde	31906-04-4	0.00
Anise Alcohol	105-13-5	0.00
Benzyl Cinnamate	103-41-3	0.00
Farnesol	4602-84-0	0.00
Butylphenyl Methylpropional	80-54-6	0.00
Linalool	78-70-6	0.00
Benzyl Benzoate	120-51-4	0.00
Citronellol	106-22-9	0.00
Hexyl Cinnam-aldehyde	101-86-0	0.00
Limonene	5989-27-5	0.00
Methyl Heptine Carbonate	111-12-6	0.00
Alpha-isomethyl Ionone	127-51-5	0.00
Evernia Prunastri Extract	90028-68-5	0.00
Evernia Furfuracea Extract	90028-67-4	0.00

Food Allergens

	Present in product	Contamination presence	Factory presence
Cereals (Containing Gluten)	No	No	Yes
Crustaceans	No	No	No
Eggs	No	No	No
Fish	No	No	No
Peanuts	No	No	Yes
Soya	No	No	Yes
Milk	No	No	Yes
Nuts	No	No	Yes
Celery&Celeriac	No	No	No
Mustard	No	No	Yes
Sesame	No	No	Yes



Material safety data sheet

According to EU Regulation 1907/2006 in the current version

COMFREY OIL

Sulphur dioxide & sulphites	No	No	No
Lupin	No	No	No
Mollusc	No	No	No

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.