



Material Safety Data Sheet

according to Regulation (EU) No. 1907/2006

Rosemary antioxidant extract

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Rosemary antioxidant extract

Use of the substance/preparation

Additive, raw material for personal care cosmetics

Company/undertaking identification

Company name :	Elemental SRL
Street :	Piata Cazarmii 15
Place :	410188 Oradea
Telephone :	+40 259 436755
e-mail :	office@elemental.eu
Internet :	www.elemental.eu
Emergency telephone :	RO: numar national pentru cazuri de urgenta: 021 3183606 Institutul de Sanatate Publica International emergency number: +49 180 2273-112

2. Hazards identification

Classification

No risks worthy of mention. Please observe the information on the safety data sheet at all times.
no dangerous product according to directive 67/548/EWG

Explication of special hazards for human health and environment

Special skid risk by leaking/spilling product.

Contains < 0,1 % limonene [CAS-no. 5989-27-5]
< 0,05 % linalool [CAS-no. 78-70-6]
< 20 ppm methyl eugenole [CAS no. 93-15-2]

May cause allergic reactions.

3. Composition/information on ingredients

Chemical characterization

INCI-Name (CTFA): Helianthus Annuus (Sunflower) Seed Oil, CAS-no. 8001-21-6 EC-no.
(EINECS/ELINCS): 232-273-9
and Rosmarinus Officinalis (Rosemary) Leaf Extract, CAS-no. 84604-14-8 EC-no.
(EINECS/ELINCS): 283-291-9
contains 13 - 15 % phenolic diterpenes

Version: 09.05.2019

4. First aid measures

General information

Consult physician if problems persist.

After inhalation

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with: water and soap.

After contact with eyes

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

After ingestion

Rinse mouth immediately and drink large quantities of water. Consult physician.

5. Fire-fighting measures

Suitable extinguishing media

foam, CO₂, powder

Extinguishing media which must not be used for safety reasons

water stream

Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases

formation of dangerous fumes possible

Special protective equipment for fire-fighters

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

6. Accidental release measures

Personal precautions

Avoid contact with skin and eyes, concentrated extracts should not be swallowed.

Environmental precautions

keep away from canalisation, waterway, groundwater

Methods for cleaning up/taking up

Remove mechanically, placing in appropriate containers for disposal.

7. Handling and storage

Handling

Advice on safe handling

Avoid contact with skin and eyes, concentrated extracts should not be swallowed.
 wear splash goggles and oilresistent gloves

Storage

Requirements for storage rooms and vessels

no special measures necessary

Further information on storage conditions

keep dark and dry, avoid heat
 store in tightly closed container

Storageclass (VCI) : 10

8. Exposure controls/personal protection

Exposure limit values

Exposure controls

Protective and hygiene measures

remove contaminated clothes

Respiratory protection

do not breathe vapour / aerosol
 breathing protection indicated: aerosol or mist generation.

Hand protection

When using chemical substances protective gloves against chemicals must be worn with the CE-label including the four control digits. German Industry Standards / EN standards: EN 374

Eye protection

wear splash goggles

Skin protection

wear clothing as usual in chemical industry

9. Physical and chemical properties

General information

Physical state : oil. viscous
 Colour : dark brown
 Odour : characteristic

Important health, safety and environmental information

Changes in the physical state		Test method
Flash point :	> 100 °C	method Abel-Pensky
Density (at 20 °C) :	< 1,00 g/cm ³	pycnometer
Water solubility :	insoluble	
Solubility in other solvents :	good soluble in fat phases	
Solvent content	< 2 % Ethyl alcohol	

10. Stability and reactivity

Conditions to avoid

heat, open flame, sun light

Materials to avoid

Oxidizing agents.

Hazardous decomposition products

none - when carefully used

Additional information

no decomposition in the application field

11. Toxicological information

Acute toxicity

According to our knowledge, the chemical, physical and toxicological properties have not been examined extensively.

Additional information on tests

Frequently or prolonged contact with skin may cause dermal irritation.

Further information

Acute toxicity, irritation of the skin and mucous mebrane, and mutagenic potential of the preparation assessed by the manufacturer on the basis of the data sheets available on the main components. Information gaps exist on some of the main individual components. However, according to the experience of the manufacturer, no dangers above and beyond those on the product label are to be expected.

12. Ecological information

Ecotoxicity

No data for ecological evaluation on hand
 Under appropriate use there are no ecological problems to expect

Further information

no heavy metals and inorganic components

13. Disposal considerations

Advice on disposal

in accordance with valid regulations

Waste disposal number of waste from residues/unused products

160306 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes other than those mentioned in 16 03 05

Contaminated packaging

in accordance with valid regulations



14. Transport information

Further Information

no dangerous good in the sense of the transport regulations

15. Regulatory information

Labelling

Additional advice on labelling

According to the regulation 1999/45/EG or appendix VI to the regulation 67/548/EEC the preparation requires no special marking.

National regulatory information

Water contaminating class : 2 - water contaminating

16. Other information

Further Information

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.

DECLARATION OF ALLERGENS

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

INCI Name	CAS No	Typical Contents in %
2-(TERT-BUTYL PROPIONALDE) (Lilial)	80-54-6	0
3-METHYL-4-(2,6,6 TRIMETHYL-2-CYCLOHEXINE-1-YL)-3-BUTEN-2-ONE	127-51-5	0
AMYL CINNAMAL	122-40-7	0
AMYL CINNAMYL ALCOHOL	101-85-9	0
ANISYL ALCOHOL (Anise alcohol)	105-13-5	0
BENZYL ALCOHOL	100-51-6	0
BENZYL BENZOATE	120-51-4	0
BENZYL CINNAMATE	103-41-3	0
BENZYL SALICYLATE	118-58-1	0
CINNAMAL (Cinnamic Aldehyde)	104-55-2	0
CINNAMYL ALCOHOL	104-51-6	0
CITRAL	5392-40-5	0
CITRONELLOL	106-22-9	0
COUMARIN	91-64-5	0
LIMONENE	5989-27-5	<= 0.1000
EUGENOL	97-53-0	0
FARNESOL	4602-84-0	0
GERANIOL	106-24-1	0
HEXYL CINNAMIC ALDEHYDE (Hexyl Cinnamal)	101-86-0	0
HYDROXYCITRONELLAL	107-75-5	0
HYDROXYMETHYL PENTYL CYCLOHEXENE CARBOXYALDEHYDE (Lyral)	31906-04-4	0
ISO EUGENOL	97-54-1	0
LINALOOL	78-70-6	<= 0.0500
METHYL HEPTINE CARBONATE	111-12-6	0
OAK MOSS EXTRACT (Evernia Prunastri)	90028-68-5	0
TREE MOSS EXTRACT (Evernia Furfuracea)	90028-67-4	0