



Material Safety Datasheet
according to Regulation (EU) No. 1907/2006

Chamomile flower CO2 extract

SECTION 1: Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Chamomile flower extract

Use of the substance/preparation

Raw material for personale care, cosmetic preparations

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

Further Information

REACH: Matricaria Recutita Extract, Pre-Registration-no.: 05-2114102218-63-0000

SECTION 2: Hazards identification

Classification of the substance or mixture

This substance is not classified as dangerous according to Directive 67/548/EEC.

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

GHS classification

This substance is not classified as dangerous according to Regulation (EC) No. 1272/2008.

Label elements

Additional advice on labelling

The product does not require special labelling according to the regulation 67/548/EEC.

Other hazards

Special skid risk by leaking/spilling product.

SECTION 3: Composition/information on ingredients

Chemical characterization

INCI-name (CTFA): Chamomilla Recutita (Matricaria) Flower Extract,
CAS-no. 84082-60-0 EC-no. (EINECS/ELINCS): 282-006-5

essential oil content: 7 - 17 % with a.o. Bisabolol, Matricine

Further Information

no solvent residues

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SECTION 4: First aid measures

Description of first aid measures

General information

In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible). Seek medical attention 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

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

After ingestion

Rinse mouth immediately and drink large quantities of water.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

foam, CO2, powder

Extinguishing media which must not be used for safety reasons

water stream

Special hazards arising from the substance or mixture

formation of dangerous fumes possible

Advice for firefighters

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

Additional information

none

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

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

Wear personal protection equipment.

Provide adequate ventilation.

Wear respiratory protection when in the presence of vapour, dust, and aerosols.

Environmental precautions

keep away from canalisation, waterway, groundwater

Methods and material for containment and cleaning up

suck up with oil binding media. Remove mechanically, placing in appropriate containers for disposal.

SECTION 7: Handling and storage

Precautions for safe handling

Advice on safe handling

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

wear splash goggles and oilresistent gloves

Do not breathe gas/fumes/vapour/spray.



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Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

no special measures necessary

Further information on storage conditions

keep dark and dry, avoid heat

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure controls

Protective and hygiene measures

remove contaminated clothes

Respiratory protection

do not breathe vapour / aerosol Respiratory protection required in case of: aerosol or mist generation.
Filter respirator with filter or ventilator type: A

Hand protection

wear oilresistant gloves When handling chemical substances, chemical protective gloves must be worn with CE label including a four digit code. German Industry Norms (DIN) / European Norms (EN): EN 374

Eye protection

wear splash goggles

Skin protection

wear clothing as usual in chemical industry remove contaminated clothes. After contact with skin, wash immediately with: Water and soap.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Paste, liquid: > 40°C
Colour:	green - brown
Odour:	characteristic

Test method

pH-Value:	no data available
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Changes in the physical state

Melting point:	no data available
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Boiling point:	no data available
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Sublimation point:	no data available
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Softening point:	no data available
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Flash point:	> 65 °C closed cup
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Lower explosion limits:	no data available
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Upper explosion limits:	no data available
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Vapour pressure:	no data available
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Density:	0,910 - 0,970 g/cm ³	pycnometer
Water solubility:		unsoluble
Solubility in other solvents:	good soluble in fat phases	
Partition coefficient:	no data available	
Viscosity / dynamic:	no data available	
Vapour density:	no data available	
Solvent content:	no solvent residues	

SECTION 10: Stability and reactivity

Conditions to avoid

heat, open flame, sun light

Hazardous decomposition products

none - when carefully used

Further information

no decomposition in the application field

SECTION 11: Toxicological information

Information on toxicological effects

Toxicokinetics, metabolism and distribution

no data available

Acute toxicity

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

Specific effects in experiment on an animal

no data available

Irritation and corrosivity

no data available

Sensitising effects

no data available

Severe effects after repeated or prolonged exposure

no data available

Carcinogenic/mutagenic/toxic effects for reproduction

no data available

Additional information on tests

Frequently or prolonged contact with skin may cause dermal irritation.

Further information

Acute toxicity, irritation of the skin and mucous membrane, 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.

SECTION 12: Ecological information

Toxicity

No data for ecological evaluation on hand

Under appropriate use there are no ecological problems to expect

Persistence and degradability

no data available



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Bioaccumulative potential

no data available

Mobility in soil

no data available

Results of PBT and vPvB assessment

no data available

Further information

no heavy metals and inorganic components

SECTION 13: Disposal considerations

Waste treatment methods

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

SECTION 14: Transport information

Other applicable information

no dangerous good in the sense of the transport regulations

SECTION 15: Regulatory information

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

National regulatory information

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

Chemical Safety Assessment

For this substance a chemical safety assessment is not required.

SECTION 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.



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Version 09.05.2019

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
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 (Lyrall)	31906-04-4	0
ISO EUGENOL	97-54-1	0
LINALOOL	78-70-6	0
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