

Material Safety Information

according to Regulation (EC) No 1907/2006

Marjoram Leaf CO2-se extract

Date: 22-01-2019

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

1.1. Product identifier

Marjoram Leaf CO2-se extract

Further trade names

Marjoranblätter CO2-se Extrakt (ökol.)

Marjoram leaf CO2-se extract (organic)

Marjolaine (feuilles) extrait CO2-se (bio)

CAS No: 84082-58-6

EC No: 282-004-4

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

in personal care cosmetics, food supplements and natural remedies

In food industry and perfumery

Industry category(ies): General chemicals, as they are used in many ways in the chemical industry.. Identified uses:
Industrial manufacturing.

1.3. Details of the supplier of the safety data sheet

Company name:

Street:

Place:

Telephone:

e-mail:

Contact person:

Internet:

Responsible Department:

Telefax:

1.4. Emergency telephone number:

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazard categories:

Aspiration hazard: Asp. Tox. 1

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Respiratory or skin sensitisation: Skin Sens. 1

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

May be fatal if swallowed and enters airways.

Causes skin irritation.

Causes serious eye irritation.

May cause an allergic skin reaction.

Harmful to aquatic life with long lasting effects.

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2.2. Label elements

Hazard components for labeling

Origanum Majorana, ext.

Signal words: Danger
Pictograms: GHS07 - GHS08



Hazard statements

H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.

P331 Do NOT induce vomiting.

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

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 labelling of certain mixtures

EUH208 Contains beta caryophyllene, Eugenol, Limonene, Linalool, alpha Pinene, beta Pinene, alpha Terpinene, Terpinolene, alpha Terpineol. May produce an allergic reaction.

2.3. Other hazards

Special skid risk by leaking/spilling product.

SECTION 3: Composition/information on ingredients

3.1. Substances

Chemical characterization

INCI-name (CTFA): Origanum Majorana (Marjoram) Leaf Extract, CAS-no. 84082-58-6 (EINECS/
ELINCS): 282-004-4

Hazardous components

EC NO	Chemical name
CAS No	Classification according to Directive 67/548/EEC
Index No	Classification according to Regulation (EC) No 1271/2008 [CLP]
282-004-4	Origanum Majorana, ext
84082-58-6	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, Asp. Tox. 1, Aquatic Chronic 3; H315 H319 H317 H304 H412

Full text of R, H and EUH phrases; see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Seek medical attention if problems persist.

After inhalation

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with plenty of 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.

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After ingestion

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

4.2. Most important symptoms and effects, both acute and delayed

No data available

4.3. Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam Carbon dioxide (CO₂) powder

Extinguishing media which must not be used for safety reasons

Water spray

5.2. Special hazards arising from the substance or mixture

Flammable vapours can accumulate in steam space of closed system.

5.3. Advice for firefighters

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

SECTION 6: Accidental release measures

6.1. 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

6.2. Environmental precautions

Avoid release to the environment

6.3. Methods and material for containment and cleaning up

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

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

Wear splash goggles and oilresistent gloves.

Do not breath gas/fumes/vapour/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.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective and hygiene measures

Change contaminated clothes

Eye/Face protection

Wear eye/face protection

Hand protection

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

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/vapour/spray.
Respiratory protection required in case of: aerosol or mist generation

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid, viscous
Colour: light brown
Odour: characteristic

PH-value no data available

Changes in the physical state

Melting point:
Initial boiling point and boiling range:
Sublimation point:
Softening point:
Flash point:

Test method

No data available
No data available
No data available
No data available
< 63°C close 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

Vapour pressure: No data available
Density (at 20°C): 0,900 - 0,930 g/cm³ pycnometer
Bulk density: No data available
Water solubility: insoluble

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Partition coefficient:	No data available
Viscosity / dynamic:	No data available
Viscosity / kinematic:	No data available
Flow time:	No data available
Vapour 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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SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

No data available

10.3. Possibility of hazardous 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

Further information

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicokinetics, metabolism and distribution

No data available

Acute toxicity

No data available

SECTION 12: Ecological information

12.1. Toxicity

No special environmental protection measures are necessary

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

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SECTION 13: Disposal considerations

13.1. Waste treatment methods Advice on disposal

Advice on disposal

Waste disposal according to official state regulations .

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 contain hazardous substances; hazardous wast

Contaminated packaging

Waste disposal according to official state regulations.

SECTION 14: Transport information

Land transport (ADR/RID)

- | | |
|-----------------------------------|--|
| 14.1. UN number: | No dangerous good in sense of this regulation. |
| 14.2. UN proper shipping name: | No dangerous good in sense of this regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in sense of this regulation. |
| 14.4. Packing group: | No dangerous good in sense of this regulation. |

Inland waterways transport (ADN)

- | | |
|-----------------------------------|--|
| 14.1. UN number: | No dangerous good in sense of this regulation. |
| 14.2. UN proper shipping name: | No dangerous good in sense of this regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in sense of this regulation. |
| 14.4. Packing group: | No dangerous good in sense of this regulation. |

Marine transport (IMDG)

- | | |
|-----------------------------------|--|
| 14.1. UN number: | No dangerous good in sense of this regulation. |
| 14.2. UN proper shipping name: | No dangerous good in sense of this regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in sense of this regulation. |
| 14.4. Packing group: | No dangerous good in sense of this regulation. |

Air transport (ICAO-TI/IATA-DGR)

- | | |
|-----------------------------------|--|
| 14.1. UN number: | No dangerous good in sense of this regulation. |
| 14.2. UN proper shipping name: | No dangerous good in sense of this regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in sense of this regulation. |
| 14.4. Packing group: | No dangerous good in sense of this regulation. |

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No data available

14.7. Transport in bulk according to Annex II of Marpol and the IBC code

No data available

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SECTION 15: Regulatory information

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

National regulatory information

Employment instructions: Observe restrictions to employment for juveniles 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): 2 - clearly water contaminating

15.2. Chemical safety assessment

For this substance a chemical safety assessment is not required.

SECTION 16: Other information

Changes

Reason for revision: general revision of the whole document

Relevant H and EUH statements (number and full text)

H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.
EUH208 Contains beta caryophyllene, Eugenol, Limonene, Linalool, alpha Pinene, beta Pinene, alpha Terpinene, Terpinolene, alpha Terpineol. May produce an allergic reaction.