

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Rosemary antioxidant extract_027.003

Print date: 02.11.2015

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

1.1. Product identifier

Rosemary antioxidant extract_027.003

Further trade names

Rosemary Antioxidans Extrakt, wasserdispergierbar, Typ Nr. 027.003

Rosemary Antioxidant extract, water dispersible, type no. 027.003

Romarin-antioxydant extrait, dispersible dans l'eau, référence 027.003

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

1.3. Details of the supplier of the safety data sheet

Company name:	Flavex Naturextrakte GmbH	
Street:	Nordstr. 7	
Place:	D-66780 Rehlingen-Siersburg	
Telephone:	+49 (0)6835/9195-0	Telefax: +49 (0)6835/919595
e-mail:	info@flavex.com	
Contact person:	Mr. N. Gref	
Internet:	www.flavex.com	
Responsible Department:	Poison information center Freiburg	

1.4. Emergency telephone number:

+49 (0)761/19240

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Hazard categories:

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Harmful to aquatic life with long lasting effects.

2.2. Label elements

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.

Special labelling of certain mixtures

EUH208 Contains linalool, Limonene. May produce an allergic reaction.

2.3. Other hazards

Special skid risk by leaking/spilling product.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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Chemical characterization

INCI-Name (CTFA): Helianthus Annuus (Sunflower) Seed Oil, CAS-Nr. 8001-21-6, EINECS-Nr. 232-273-9
 plus Rosmarinus Officinalis (Rosemary) Leaf Extract, CAS-Nr. 84604-14-8, EINECS-Nr. 283-291-9
 plus Polysorbate 80, CAS-Nr. 9005-65-6
 plus Polyglyceryl-6 Caprylate, CAS-Nr. 51033-35-3

Total content of phenolic diterpenes 13 - 15%, essential oil < 2%, ethyl alcohol < 2%.

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No		
283-291-9	Rosemary, ext.	~35 %
84604-14-8		
	Aquatic Chronic 3; 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: 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. 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, CO₂, powder

Unsuitable extinguishing media

water stream

5.2. Special hazards arising from the substance or mixture

formation of dangerous fumes possible

5.3. Advice for firefighters

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

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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

keep away from canalisation, waterway, groundwater

6.3. 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

7.1. 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.

7.2. 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
store in tightly closed container

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective and hygiene measures

remove contaminated clothes

Eye/face protection

wear splash goggles

Hand protection

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

Skin protection

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

Respiratory protection

do not breathe vapour / aerosol
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:	oil. viscous
Colour:	dark brown
Odour:	characteristic

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Test method

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:	> 100 °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
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Oxidizing properties

no data available

Vapour pressure:	no data available
Density (at 20 °C):	< 1,00 g/cm ³ pycnometer
Bulk density:	no data available
Water solubility:	easily soluble.
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:	< 2 % ethyl alcohol

9.2. Other information

Solid content:	no data available
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no data available

SECTION 10: Stability and reactivity

10.1. Reactivity

no data available

10.2. Chemical stability

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no data available

10.3. Possibility of hazardous reactions

no data available

10.4. Conditions to avoid

heat, open flame, sun light

10.5. Incompatible materials

Oxidizing agents.

10.6. Hazardous decomposition products

none - when carefully used

Further information

no decomposition in the application field

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

Further information

Frequently or prolonged contact with skin may cause dermal irritation.

SECTION 12: Ecological information

12.1. Toxicity

No data for ecological evaluation on hand

Under appropriate use there are no ecological problems to expect

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

12.6. Other adverse effects

no data available

Further information

no heavy metals and inorganic components

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

in accordance with valid 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 containing dangerous substances
Classified as hazardous waste.

Contaminated packaging

in accordance with valid regulations

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SECTION 14: Transport information

Land transport (ADR/RID)

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

Inland waterways transport (ADN)

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

Marine transport (IMDG)

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

Air transport (ICAO)

- 14.1. UN number:** No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport 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 MARPOL73/78 and the IBC Code

no data available

Other applicable information

no dangerous good in the sense of the transport regulations

SECTION 15: Regulatory information

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

National regulatory information

Water contaminating class (D): 2 - water contaminating

SECTION 16: Other information

Changes

Reason for revision: general revision of whole document

Relevant H- and EUH-phrases (Number and full text)

H412 Harmful to aquatic life with long lasting effects.
EUH208 Contains linalool, Limonene. May produce an allergic reaction.

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Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)