

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Lemon Myrtle CO₂-se extract_209.004

Print date: 04.02.2015

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

1.1. Product identifier

Lemon Myrtle CO₂-se extract_209.004

Further trade names

Zitronenmyrte CO₂-se Extrakt, (ölkol.), Typ Nr. 209.004Lemon Myrtle CO₂-se extract, (organic), type no. 209.004Myrte citronnée extrait CO₂-se, (bio), référence 209.004

CAS No: 84775-80-4

EC No: 283-909-7

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

Use of the substance/mixture

In food industry and perfumery

Industry category(ies): Chemicals for personal and household use.

Category of use(s): Cosmetics.

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: J. Sewerin

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

Indications of danger: Xn - Harmful, Xi - Irritant

R phrases:

Irritating to skin.

May cause sensitisation by skin contact.

Harmful: may cause lung damage if swallowed.

GHS classification

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Respiratory/skin sensitization: Skin Sens. 1

Aspiration hazard: Asp. Tox. 1

Hazard Statements:

Causes skin irritation.

May cause an allergic skin reaction.

May be fatal if swallowed and enters airways.

2.2. Label elements

Hazardous components which must be listed on the label

Backhousia citriodora, ext.

Signal word: Danger

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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.

Precautionary statements

- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P264 Wash hands thoroughly after handling.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
 P331 Do NOT induce vomiting.
 P302+P352 IF ON SKIN: Wash with plenty of water.

Additional advice on labelling

The classification was undertaken in accordance with the method of calculation governed by the preparation regulations (1999/45/EC).

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): Backhousia Citriodora (Lemon Myrtle) Leaf Extract, CAS-no. 84775-80-4, EC-no. (EINECS/ELINCS): 283-909-7

essential oil content: 85 - 95 %

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
283-909-7	Backhousia citriodora, ext.	100 %
84775-80-4	Xn - Harmful, Xi - Irritant R38-43-65	
	Skin Irrit. 2, Skin Sens. 1, Asp. Tox. 1; H315 H317 H304	

Full text of R and H phrases: see Section 16.

Further Information

no solvent residues

SECTION 4: First aid measures

4.1. 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.

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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.

Consult an ophthalmologist.

After ingestion

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

Do not induce vomiting.

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.

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

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.

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

no special measures necessary

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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.
Filter respirator with filter or ventilator type: A

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid oil
Colour:	yellow
Odour:	citrus like

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

: no data available

Flash point: > 65 °C closed cup

Flammability

Solid: no data available

Gas: no data available

Explosive properties

no data available

Lower explosion limits: no data available Ethanol.

Upper explosion limits: no data available Ethanol.

Ignition temperature: no data available

Auto-ignition temperature

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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): 0,88 - 0,91 g/cm³ pycnometer

Bulk density: no data available

Water solubility: insoluble

Solubility in other solvents

good soluble in fat phases

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 solvent residues

9.2. Other information

Solid content: no data available

no data available

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

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

Toxicokinetics, metabolism and distribution

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

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Acute toxicity

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

Specific effects in experiment on an animal

no data available

Additional information on tests

Irritating to eyes, respiratory system and skin
may cause sensitization by skin contact
skin allergy (seldom)

Practical experience

Observations relevant to classification

Irritates skin and eyes

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

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

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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

SECTION 14: Transport information

Land transport (ADR/RID)

Other applicable information (land transport)

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

Other applicable information (inland waterways transport)

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

Other applicable information (marine transport)

No dangerous good in sense of this transport regulation.

Air transport (ICAO)

Other applicable information (air transport)

No dangerous good in sense of this transport regulation.

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

Employment restrictions:

Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing.

Water contaminating class (D):

1 - slightly water contaminating

15.2. Chemical safety assessment

For this substance a chemical safety assessment is not required.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 4, 7, 10, 14

Full text of R phrases referred to under Sections 2 and 3

38 Irritating to skin.
43 May cause sensitisation by skin contact.
65 Harmful: may cause lung damage if swallowed.

Full text of H statements referred to under Sections 2 and 3

H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin 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.