

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Butter CO2-se extract_096.004

Print date: 24.11.2011

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

Product identifier

Butter CO2-se extract_096.004

Further trade names

Butter CO2-se Extrakt, Dest. Typ, Typ Nr. 096.004

Butter CO2-se extract, Dist. Type, type no. 096.004

Beurre extrait CO2-se, type distillé, référence 096.004

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

Use of the substance/mixture

In food industry

Details of the supplier of the safety data sheet

Company name:	Flavex Natureextrakte 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. J. Sewerin	
Internet:	www.flavex.com	
Responsible Department:	Poison information center Freiburg	

Emergency telephone: +49 (0)761/19240

SECTION 2: Hazards identification

Classification of the substance or mixture

This mixture is not classified as dangerous according to Directive 1999/45/EC.

GHS classification

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

Label elements

Other hazards

Special skid risk by leaking/spilling product.

SECTION 3: Composition/information on ingredients

Mixtures

Chemical characterization

INCI-name (CTFA): Butter Extract, CAS-no. 91745-88-9
and Rosmarinus Offiicinalis (Rosemary) Leaf Extract, CAS-no. 84604-14-8, EC-no.
(EINECS/ELINCS): 283-291-9

Fatty acid esters of a.o. Butyric, Caproic, Myristic and Palmitic acid
essential oil content: 6 - 12 %

Further Information

no solvent residues

SECTION 4: First aid measures

Description of first aid measures

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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.

Seek medical attention if problems persist.

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.

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.

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.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

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

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

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: liquid oil
Colour: yellow
Odour: Butter

Test method

pH-Value: no data available

Changes in the physical state

Melting point: no data available

Boiling point: no data available

Sublimation point: no data available

Softening point: no data available

Flash point: > 61 °C closed cup

Lower explosion limits: no data available

Upper explosion limits: no data available

Vapour pressure: no data available

Density (at 20 °C): 0,915 - 0,935 g/cm³ pycnometer

Water solubility: insoluble

Solubility in other solvents: good soluble in fat phases

Viscosity / dynamic: no data available

Vapour density: no data available

Solvent content: no solvent residues

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SECTION 10: Stability and reactivity

Conditions to avoid

heat, open flame, sun light

Incompatible materials

Oxidizing agents.

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

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

Acute toxicity

no data available

Specific effects in experiment on an animal

no data available

Irritation and corrosivity

no data available

Sensitizing 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

Bioaccumulative potential

no data available

Mobility in soil

no data available

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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

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

SECTION 16: Other information

Changes

Reason for revision: general revision of whole document

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.