

Material Safety Information

Coffee CO₂-to extract_107.004

Print date: 24.07.2017

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

1.1. Product identifier

Coffee CO₂-to extract_107.004

Further trade names

Kaffee CO₂-to Extrakt (ökol.), Typ-Nr. 107.004

Coffee CO₂-to extract (organic), type-no. 107.004

Café extrait CO₂-to (bio), référence 107.004

CAS No: 84650-00-0

EC No: 283-481-1

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

Use of the substance/mixture

In food industry

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

This substance is not classified as hazardous in accordance with Directive 67/548/EEC.

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

This substance is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements

Additional advice on labelling

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

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): Coffee Arabica (Coffee) Seed Extrakt, CAS-no. 84650-00-0 EC-no.
(EINECS/ELINCS): 283-481-1

Further Information

no solvent residues

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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

Gently wash with plenty of soap and water.

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.

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

Extinguishing media which must not be used for safety reasons

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

Do not breathe gas/vapour/spray.

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

6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

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.

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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Further information on storage conditions

keep dark and dry, avoid heat

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective and hygiene measures

remove contaminated clothes

Respiratory protection

do not breathe vapour / aerosol

Hand protection

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Eye protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

wear clothing as usual in chemical industry

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------|----------------|
| Physical state: | liquid oil |
| Colour: | brown |
| Odour: | characteristic |

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

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

Upper explosion limits: No data available

Ignition temperature: No data available

Auto-ignition temperature

Solid: No data available

Gas: No data available

Vapour pressure: No data available

Vapour pressure: No data available

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| | | |
|-------------------------------------|----------------------------|------------|
| Density: | < 1,00 g/cm ³ | 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 content: | no solvent residues | |

9.2. Other information

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

No data available

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.

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

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Empirical data on effects on humans

No data available

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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

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

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

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-TI/IATA-DGR)

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.

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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 dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

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): 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.