

Material Safety Information

according to Regulation (EC) No 1907/2006

Cinnamon Bark *Burmanii* CO₂-to extract

Date: 21-09-2017

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

1.1. Product identifier

Cinnamon Bark *Burmanii* CO₂-to extract

Further trade names

Zimtrinden *Burmanii* CO₂-to Extrakt (ökol.)

Cinnamon Bark *Burmanii* CO₂-to extract (organic)

Cannelle (écorce) *burmanii* extrait CO₂-to (bio)

CAS No: 92201-56-4

EC No: 295-986-4

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

Use of the substance/mixture

In food supplements and natural remedies

In food industry and in pharmaceuticals

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 Directive 67/548/EEC or 1999/45/EC

Indication of danger: Xi - Irritant.

R-phrases:

Irritating to respiratory system and skin.

Risk of serious damage to eyes.

May cause sensitisation by skin contact.

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

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Respiratory or skin sensitisation: Skin Sens. 1

Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

May use respiratory irritation.

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2.2. Label elements

Hazard components for labeling

Cinnamomum burmanii, ext.

Signal words: Warning
Pictograms: GHS0



Hazard statements

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation .

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective clothes/protective clothing/eye protection/face protection
P302+P352 IF ON SKIN: Wash with plenty of water
P333+P313 If skin irritation or rash occurs: Get medical advice/attention

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): Cinnamomum Burmanii Bark Extract, CAS-Nr. 92201-56-4,
EC no. (EINECS): 295-986-4

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]

295-986-4	Cinnamon burmanii, ext
92201-956-4	Skin irrit. 2, Eye irrit. 2, Skin sens. 1, SOT SE 2; H315 H317 H319 H335

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.

After ingestion

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

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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 stream

5.2. Special hazards arising from the substance or mixture

Formation of dangerous fuels 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 canalization, 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 and clothing, concentrated extract should not be swallowed.

Wear splash goggles and oilresistent gloves.

Do not breath 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

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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. German Industry Code (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, viscous

Colour: braun

Odour: cinnamon smell

PH-value no data available

Changes in the physical state

Melting point:

Initial boiling point and boiling range:

Sublimation point:

Softening point:

Flash point:

Flammability

Solid:

Gas:

Explosive properties

No data available

Lower explosion limits:

Upper explosion limits:

Ignition temperature:

Auto-ignition temperature

Solid:

Gas:

Decomposition temperature:

Oxidizing properties

No data available

Vapour pressure:

Density:

Bulk density:

Water solubility:

Test method

No data available

No data available

No data available

No data available

< 65°C close cup

No data available

No data available

No data available

No data available

No data available

No data available

No data available

No data available

No data available

No data available

> 1,00 g/cm³ pycnometer

No data available

unsoluble

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Solubility in other solvents

Good soluble in fat phases

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

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/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.

Acute toxicity

No data available

Sensitizing effects

May cause sensitization by skin contact

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.

Specific effects in experiment on an animal

no data available

Practical experience

Observations relevant to classification

Irritating to eyes, respiratory system and skin may cause sensitization by skin contact

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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

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 contain hazardous substances; hazardous waste

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 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. |

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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

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 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): 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 contained changes from the previous version in section(s) 3.

Relevant R phrases (number and full text)

37/38	Irritation to respiratory system and skin.
41	Risk of serious damage eyes.
43	May cause sensitisation by skin contact.

Relevant H and EUH statements (number and full text)

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H335	May cause respiratory irritation

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.