

## Material Safety Information

### Licorice Root CO<sub>2</sub>-to extract\_175.004

Print date: 26.11.2020

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

##### 1.1. Product identifier

Licorice Root CO<sub>2</sub>-to extract\_175.004

##### **Further trade names**

Süßholzwurzel CO<sub>2</sub>-to Extrakt, Varietät Uralensis, Typ Nr. 175.004

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Licorice Root CO<sub>2</sub>-to extract, Variety Uralensis, type no. 175.004

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Régilisse (racine) extrait CO<sub>2</sub>-to, variété uralensis, référence 175.004

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

##### 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	

##### 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]**

This mixture 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

##### 3.2. Mixtures

##### **Chemical characterization**

INCI-Name: Glycyrrhiza Uralensis Root Extract, CAS-Nr. 94349-91-4, EINECS-Nr. 305-209-3 und Caprylic/Capric Triglyceride, CAS-Nr. 73398-61-5, EINECS-Nr. 277-452-2

#### 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.

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#### **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. Carbon dioxide (CO<sub>2</sub>). Powder

##### **Extinguishing media which must not be used for safety reasons**

Water spray.

#### **5.2. Special hazards arising from the substance or mixture**

Flammable vapours can accumulate in steam space of closed systems.

#### **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, eye and clothing.

Wear personal protection equipment.

Provide adequate ventilation.

Wear respiratory protection when in the presence of vapour, dust, and aerosols.

#### **6.2. Environmental precautions**

Avoid release to the environment.

#### **6.3. Methods and material for containment and cleaning up**

Take up with oil-absorbing compound. 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.

##### **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**

Store in a well-ventilated place. Keep container tightly closed.

### SECTION 8: Exposure controls/personal protection

#### **8.1. Control parameters**

#### **8.2. Exposure controls**

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#### 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, viscous
Colour:	brown
Odour:	characteristic

#### Test method

#### 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

Density:	< 1,00 g/cm <sup>3</sup> pycnometer
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Bulk density:	No data available
Water solubility:	insoluble

Partition coefficient:	No data available
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Viscosity / dynamic:	No data available
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Viscosity / kinematic:	No data available
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Flow time:	No data available
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Vapour density:	no data available
Evaporation rate:	No data available
Solvent content:	2 - 4 % Ethanol.

#### 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

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

#### 10.5. Incompatible materials

No data available

#### **Further information**

No ignition, explosion, self-heating or visible decomposition.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### **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

##### **Empirical data on effects on humans**

No data available

### SECTION 12: Ecological information

#### 12.1. Toxicity

No special environmental protection measures are necessary.

#### 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

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#### SECTION 13: Disposal considerations

##### 13.1. Waste treatment methods

###### **Advice on disposal**

Waste disposal according to official state 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**

Waste disposal according to official state 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.

###### 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 Marpol and the IBC Code

No data available

#### 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

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### SECTION 16: Other information