

## Material Safety Information

according to Regulation (EC) No 1907/2006

### Evening Primrose CO<sub>2</sub>-to extract

Date: 24-08-2017

Page 1 of 6

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

##### 1.1. Product identifier

Evening Primrose CO<sub>2</sub>-to extract

##### Further trade names

Nachtkerzensamen CO<sub>2</sub>-to Extrakt

Evening Primrose CO<sub>2</sub>-to extract

Onagre (graines) extrait CO<sub>2</sub>-to

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

###### Use of the substance/mixture

in personal care cosmetics, food supplements and natural remedies

##### 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 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

##### 3.1. Substances

###### Chemical characterization

INCI-Name (CTFA): Oenothera Biennis (Evening Primrose) Seed Extract, CAS-Nr. 90028-66-3,  
EINECS-Nr. 289-859-2 and Rosmarinus Officinalis (Rosemary) Leaf Extract, CAS-Nr. 84604-14-8,  
EINECS-Nr. 283-291-9

###### Further Information

no solvent residues

## Material Safety Information

according to Regulation (EC) No 1907/2006

### Evening Primrose CO<sub>2</sub>-to extract

Date: 24-08-2017

Page 2 of 6

#### 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 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.

##### 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 stream

##### 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

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.

## Material Safety Information

according to Regulation (EC) No 1907/2006

### Evening Primrose CO<sub>2</sub>-to extract

Date: 24-08-2017

Page 3 of 6

## 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 well in a ventilated place. Keep container tightly closed

#### 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

Change contaminated clothes

#### Respiratory protection

Do not breathe vapour/spray.  
Respiratory protection required in case of; aerosol or mist generation

#### 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: clear oil  
Colour: yellow  
Odour: characteristic

#### Changes in the physical state

Melting point:  
Initial boiling point and boiling range:  
Sublimation point:  
Softening point:  
Flash point:

#### Flammability

Solid:  
Gas:

#### Test method

No data available  
No data available  
No data available  
No data available  
> 65°C close cup

No data available  
No data available

## Material Safety Information

according to Regulation (EC) No 1907/2006

### Evening Primrose CO<sub>2</sub>-to extract

Date: 24-08-2017

Page 4 of 6

#### 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

Density (at 20°C):

0,920-0,940 g/cm<sup>3</sup> pycnometer

Bulk density:

No data available

Water solubility:

unsoluble

#### 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 reduces

#### 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 flames/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

## Material Safety Information

according to Regulation (EC) No 1907/2006

### Evening Primrose CO<sub>2</sub>-to extract

Date: 24-08-2017

Page 5 of 6

#### 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

## 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

#### 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

## Material Safety Information

according to Regulation (EC) No 1907/2006

### Evening Primrose CO2-to extract

Date: 24-08-2017

Page 6 of 6

#### 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 dangerous good in sense of this transport regulation

#### 14.7. Transport in bulk according to Annex II of

No dangerous good in sense of the transport regulation

## 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.

#### Relevant H and EUH statements (number and full text)

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 regulation