

## Material Safety Information

according to Regulation (EC) No 1907/2006

### Rhatany Root CO2-to extract

Date: 18-11-2019

Page 1 of 6

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

##### 1.1. Product identifier

Rhatany Root CO2-to extract

##### Further trade names

Rathanhiawurzel CO2-to Extrakt

Rhatany root CO2-to extract

Rhatanhia ( racine) extrait CO2-to

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

##### Use of the substance/mixture

in pharmaceutic and cosmetic products

##### 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): Krameria Triandra (Rhatany) Root Extract, CAS-Nr. 84775-95-1, EINECS-Nr. 283-919-1 and Olea Europaea (Olive) Fruit Oil, CAS-Nr. 8001-25-0, EINECS-Nr. 232-277-0

## Material Safety Information

according to Regulation (EC) No 1907/2006

### Rhatany Root CO<sub>2</sub>-to extract

Date: 18-11-2019

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 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.

## Material Safety Information

according to Regulation (EC) No 1907/2006

### Rhatany Root CO2-to extract

Date: 18-11-2019

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.

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

#### 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: viscous  
Colour: orange - brown  
Odour: characteristic

###### **Changes in the physical state**

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

###### **Test method**

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

###### **Flammability**

Solid: No data available  
Gas: No data available

## Material Safety Information

according to Regulation (EC) No 1907/2006

### Rhatany Root CO2-to extract

Date: 18-11-2019

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):

< 1,00 g/cm<sup>3</sup> 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:

< 2% 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

## Material Safety Information

according to Regulation (EC) No 1907/2006

### Rhatany Root CO<sub>2</sub>-to extract

Date: 18-11-2019

Page 5 of 6

#### 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

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods Advice on disposal

##### 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

## Material Safety Information

according to Regulation (EC) No 1907/2006

### Rhatany Root CO2-to extract

Date: 18-11-2019

Page 6 of 6

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

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**National regulatory information**

Water hazard class (D): 3 - highly water contaminating

### SECTION 16: Other information