

## Safety Data Sheet

according to Regulation (EU) No. 1907/2006

### Schisandra Fruit CO<sub>2</sub>-to extract\_164.001

Print date : 23.10.2009

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## 1. Identification of the substance/preparation and of the company/undertaking

### Identification of the substance or preparation

Schisandra Fruit CO<sub>2</sub>-to extract\_164.001

#### Further product name

Schisandrafrüchte CO<sub>2</sub>-to Extrakt, Varietät Sphenanthera, Typ Nr. 164.001

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Schisandra Fruit CO<sub>2</sub>-to extract, Variety Sphenanthera, type no. 164.001

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Schisandra (fruits) extrait CO<sub>2</sub>-to, Variété Sphenanthera, référence 164.001

### Use of the substance/preparation

in personal care cosmetics, food supplements and natural remedies

### Company/undertaking identification

Company name:	Flavex Naturextrakte GmbH	
Street:	Nordstr. 7	
Place:	D-66780 Rehlingen-Siersburg	
Telephone:	+49 (0)6835/9195-0	Telefax: +49 (0)6835/919595
Contact person:	Mr. J. Sewerin	Telephone:
e-mail:	info@flavex.com	
Internet:	www.flavex.com	
Inquiry office:	Poison information center Freiburg	
Emergency telephone:	+49 (0)761/19240	

## 2. Hazards identification

### Classification

This substance is not classified as dangerous according to Directive 67/548/EEC.

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

### Explication of special hazards for human health and environment

Special skid risk by leaking/spilling product.

## 3. Composition/information on ingredients

### Chemical characterization

INCI-Name (CTFA): Schizandra Sphenanthera (Schisandra) Fruit Extract

essential oil content 18 - 23 %

contains: Fatty oil with gamma-linolenic acid [CAS-no. 463-40-1]

high concentration of unsaponifiables with muurolene, caryophyllene [CAS-no. 87-44-5], himachalene, santalol [CAS-no. 11031-45-1], schisandrin A, gomisin O

### Further Information

no solvent residues

## 4. First aid measures

### General information

Seek medical attention if problems persist.

### After inhalation

Provide fresh air.

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#### After contact with skin

After contact with skin, wash immediately with: 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.

### 5. Fire-fighting measures

#### Suitable extinguishing media

foam, CO<sub>2</sub>, powder

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

water stream

#### Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases

formation of dangerous fumes possible

#### Special protective equipment for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

### 6. Accidental release measures

#### Personal precautions

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

#### Environmental precautions

keep away from canalisation, waterway, groundwater

#### Methods for cleaning up/taking up

Remove mechanically, placing in appropriate containers for disposal.

### 7. Handling and storage

#### Handling

##### Advice on safe handling

Avoid contact with skin and eyes, concentrated extracts should not be swallowed.  
wear splash goggles and oilresistent gloves

#### Storage

##### Requirements for storage rooms and vessels

no special measures necessary

##### Further information on storage conditions

keep dark and dry, avoid heat

Storageclass (VCI):

10

### 8. Exposure controls/personal protection

#### Exposure limit values

#### Exposure controls

##### Protective and hygiene measures

remove contaminated clothes

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#### Respiratory protection

do not breathe vapour / aerosol  
Respiratory protection required in case of: aerosol or mist generation.

#### Hand protection

When handling chemical substances, chemical protective gloves must be worn with CE label including a four digit code.  
German Industry Norms (DIN) / European Norms (EN): EN 374

#### Eye protection

wear splash goggles

#### Skin protection

wear clothing as usual in chemical industry

## 9. Physical and chemical properties

### General information

Physical state: liquid oil  
Colour: brown  
Odour: weak aromatic

### Important health, safety and environmental information

pH-Value (at n.a. °C):

#### Changes in the physical state

	Test method
Flash point:	> 100 °C °C method Abel-Pensky
Density (at 20 °C):	< 1,00 g/cm <sup>3</sup> pycnometer
Water solubility: (at 20 °C)	insoluble
Solubility in other solvents:	good soluble in fat phases

#### Solvent content

no solvent residues

## 10. Stability and reactivity

#### Conditions to avoid

heat, open flame, sun light

#### Hazardous decomposition products

none - when carefully used

#### Additional information

no decomposition in the application field

## 11. Toxicological information

#### Acute toxicity

According to our knowledge, the chemical, physical and toxicological properties have not been examined extensively.

#### Empirical data on effects on humans

Frequently or prolonged contact with skin may cause dermal irritation.

#### 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.

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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.

#### 12. Ecological information

##### Ecotoxicity

No data for ecological evaluation on hand  
Under appropriate use there are no ecological problems to expect

##### Further information

no heavy metals and inorganic components

#### 13. Disposal considerations

##### 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

#### 14. Transport information

##### Further Information

no dangerous good in the sense of the transport regulations

#### 15. Regulatory information

##### Labelling

##### Additional advice on labelling

The product does not require special labelling according to the regulation 67/548/EEC.

##### National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

#### 16. Other information

##### 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.

##### Changes

This data sheet contains changes from the previous version in section(s): 1, 3, 11, 13