

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

SCHISANDRA CO2 EXTRACT

1. Identification of the substance/mixture and company

Trade name: Schisandra CO2 extract
I.N.C.I. Schizandra Sphenanthera Fruit Extract
CAS No. : na
EINESCS No. : na
REACH pre-registration No. : /
Utilization: Raw material for cosmetics, professional use
Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania
Tel/Fax: +40259-436.755, www.elemental.com
Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.
International emergency number: +49 180 2273-112

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

This substance is not classified as hazardous in accordance with GB CLP Regulation

2.2 Label elements

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

2.3 Other hazards:

Not specific

3. Declaration of ingredients

3.1. Substances

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

3.2. Mixtures

Na

Further Information:

No solvent residues

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

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.

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

SCHISANDRA CO2 EXTRACT

After ingestion: Rinse mouth immediately and drink large quantities of water

4.2 Main symptoms and effects, both acute and delayed

No known symptoms to date.

4.3 Indication to consult a physician immediately or any special treatments: no data available

5. Fire fighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam. Carbon dioxide (CO₂). 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 head space of closed systems.

5.3. Advice for firefighters

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

6. Accidental release measures

6.1 Personal precautions, protective devices and emergency procedures

Avoid contact with skin, eyes and clothes.

Wear personal protection equipment.

Provide adequate ventilation.

Wear breathing apparatus if exposed to vapours/dusts/aerosols

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and materials for containment and remediation

Take up with oil-absorbing compound. Take up mechanically, placing in appropriate containers for disposal.

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.

Keep away from sources of ignition - No smoking.

Advice on protection against fire and explosion

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.

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

SCHISANDRA CO2 EXTRACT

7.3 Specific end uses

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

8. Exposure controls / personal protection

8.1 Control parameters

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation): Non-applicable

DNEL (Workers): Non-applicable

DNEL (General population): Non-applicable

PNEC: Non-applicable

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

9. Physical and chemical properties

9.1 Information on physical and chemical properties

Appearance:

Physical state at 20 °C: liquid

Appearance: oily

Colour: brown

Odour: weak aromatic

Odour threshold: no data available

Density at 20 °C: < 1,00 g/cm³ pycnometer

Flash point: > 65 °C closed cup

pH: Non-applicable

Vapour density at 20 °C: Non-applicable

Partition coefficient n-octanol/water 20 °C: Non-applicable

Solubility in water at 20 °C: Non-applicable

Solubility properties: Non-applicable

Melting point/freezing point: Non-applicable

Explosive properties: Non-applicable

9.2 Other information

No further data available

Material safety data sheet
According to EU Regulation 1907/2006 in the current version
SCHISANDRA CO2 EXTRACT

10. Stability and reactivity

10.1 Responsiveness

No hazardous reactions are expected.

10.2 Chemical stability

Chemically stable under the conditions of storage, handling and use.

10.3 Possibility of dangerous reactions

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid

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

10.5 Incompatible materials

No data available

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity : No data available

Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect.

Contact with the skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for skin contact.

Contact with the eyes: May produces mild irritation after contact.

CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

Carcinogenicity No data available

IARC: Non-applicable

Mutagenicity: No data available

Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect.

Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects.

- Cutaneous: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect.

Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect.

Specific target organ toxicity (STOT)-repeated exposure:

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

SCHISANDRA CO2 EXTRACT

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect.

Aspiration hazard: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect.

Other information: Non-applicable

12. Ecological information

12.1 Toxicity

No special environmental protection measures are necessary.

12.2 Persistence and degradability

Readily biodegradable

12.3 Bioaccumulation potential

No data available

12.4 Ground mobility

No data available

12.5 Results of PBT and vPvB assessment

Product fails to meet PBT/vPvB criteria

12.6 Other adverse effects

No data available

13. Disposal considerations

13.1 Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation.

List of Wastes Code - 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: Dispose of waste according to applicable legislation.

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

14. Transport information

This product is not regulated for transport (ADR/RID,IMDG,IATA)

No dangerous good in sense of this transport regulation.

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

SCHISANDRA CO2 EXTRACT

15. Regulatory information

15.1 Regulations and legislation on health, safety and environment specific to the substance or mixture

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

15.2 Chemical safety assessment.

No data available

16. Additional information

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.