



## Material Safety Data Sheet

According to EU Regulation 1907/2006 in the current version

Date 01.06.2016

Version 1.0

### JUJUBE (SIDR) POWDER

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

Trade name: Jujube (Sidr) powder  
Utilization: Personal care formulations  
Supplier company: **Elemental SRL**, Piata Cazarmii no.15, 410188-Oradea, jud.Bihor, Romania  
identification: Tel/Fax: +40259-436.755, [www.elemental.eu](http://www.elemental.eu)  
Emergency: RO: numar national pentru cazuri de urgenta: 021 3183606 Institutul de Sanatate Publica Bucuresti. International emergency number: +49 180 2273-112

#### 2. Hazards Identification

##### 2.1 Classification of the substance

The product is not classified as hazardous within the meaning of Directive 67/548/EEC.

The product is not classified as hazardous within the meaning of Regulation (EU) No 1272/2008.

2.2 Label elements: none

##### 2.3 Other hazards

Mild irritation of eyes and skin may occur. In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

#### 3. Composition / Information on ingredients

Composition: Zizyphus Jujuba Leaf powder is an extract of the leaves of the Jujube, Zizyphus jujuba, Rhamnaceae

CAS-No.: 90045-99-1 EC-No.: 289-965-9

Classification Directive 67/548/EEC: Not classified

Classification Directive CE) 1272/2008: Not classified

#### 4. First Aid

##### 4.1 Description of first aid measures.

No particular warnings are necessary.

Inhalation: If the product is inhaled, take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.

Eye contact: If wearing contact lenses, remove them. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.

Skin contact: Wash thoroughly with soap and water and flush with plenty of water. Contact physician if symptoms persist.

Ingestion: If accidentally ingested, wash mouth with water and seek immediate medical attention if unwell symptoms occur. Keep calm. NEVER induce vomiting.

##### 4.2 Most important symptoms and effects, both acute and delayed

No known acute or delayed effects from exposure to the product.

##### 4.3 Indication of any immediate medical attention and special treatment needed.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

#### 5. Fire-fighting Measures

##### 5.1 Extinguishing media.

Recommended extinguishing methods.

Extinguisher powder or CO2. In case of more serious fires, also alcohol-resistant foam and water spray. Do not use a



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direct stream of water to extinguish.

5.2 Special hazards arising from the substance.

No special risks. Exposure to combustion or decomposition products can be harmful to your health.

5.3 Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account.

Prevent the products used to fight the fire from going into drains, sewers, or waterways.

Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and gloves.

#### 6. Accidental release measures:

6.1 Personal precautions, protective equipment and emergency procedures.

Avoid inhalation and contact with eyes. For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions.

Product not classified as hazardous for the environment, avoid spillage as much as possible.

6.3 Methods and material for containment and cleaning up.

Pick up the spill with non-combustible absorbent materials. Pour the product and the absorbent in an approved disposal container.

6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8. For later elimination of waste, follow the recommendations under section 13.

#### 7. Handling and Storage

7.1 Precautions for safe handling.

The product does not require special handling measures, the following general measures are recommended:

For personal protection, see section 8. Follow legislation on occupational health and safety.

7.2 Conditions for safe storage, including any incompatibilities.

The product does not require special storage measures. As general storage measures, sources of heat and contact with food should be avoided. Keep away from humidity, in a dry and well-ventilated place. Store according to local legislation. Observe indications on the label.

7.3 Specific end use(s): none other than stipulated in section 1.

#### 8. Exposure Controls and Personal Protection

8.1 Control parameters.

The product does not contain substances with Professional Exposure Environmental Limit Values.

8.2 Exposure controls.

Measures of a technical nature: Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Breathing protection: Avoid direct breathing the product. If the recommended technical measures are observed, no individual protection equipment is necessary.

Hand protection: protective gloves, if handled in large quantities.

Eye protection: avoid contact with eyes. Wear glasses or face shield if necessary.

Skin protection: evaluate need based on application.

#### 9. Physical and Chemical Properties

Appearance: herb powder



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Odour: typical  
Colour: green  
Flash point: >200°C  
Ignition temperature: n.d.  
Autoignition: n.d.  
Oxidising properties: None  
Danger of explosion: no  
Explosion limits: n.a.  
Vapour pressure (20°C): n.d.  
Density (20°C): n.a  
Apparent density: n.a.  
Solubility (20°C): partially soluble in water  
pH (20°C, H<sub>2</sub>O): n.a.

#### 10. Stability and Reactivity

##### 10.1 Reactivity.

The product does not present hazards by reactivity.

##### 10.2 Chemical stability.

Stable under the recommended handling and storage conditions (see section 7).

##### 10.3 Possibility of hazardous reactions.

The product does not present possibility of hazardous reactions.

##### 10.4 Conditions to avoid.

Avoid temperatures near or above the flash point. Do not heat closed containers.

##### 10.5 Incompatible materials.

Keep away from oxidising agents and from highly alkaline or acidic materials.

##### 10.6 Hazardous decomposition products.

In case of fire, dangerous decomposition products can be generated, such as carbon monoxide and unidentified organic compounds may be formed during the combustion.

#### 11. Toxicological Information

##### 11.1 Information on toxicological effects: Non-toxic through inhalation, contact or ingestion known to us.

Acute toxicity: no data available

Germ cell mutagenicity: no data available

Carcinogenicity: no data available

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information: RTECS - Not available

#### 12. Ecological Information

##### 12.1 Ecotoxicity.

No information is available regarding the ecotoxicity.

##### 12.2 Persistence and degradability.

Easily degradable.



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#### 12.3 Bioaccumulative potencial.

No information is available regarding the bioaccumulation.

#### 12.4 Mobility in soil.

No information is available about the mobility in soil.

The product must not be allowed to go into sewers or waterways. Prevent penetration into the ground.

#### 12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

#### 12.6 Other adverse effects.

No information is available about other adverse effects for the environment.

### 13. Disposal Considerations

#### 13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation. Follow the provisions of Directive 2008/98/EC regarding waste management.

### 14. Transport Information

It is not classified as a dangerous substance for transport.

14.1 UN number: ADR/RID: - IMDG: - IATA: -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods. IMDG: Not dangerous goods. IATA: Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user: no data available

### 15. Additional Regulatory Information

Label information: not classified as dangerous.

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

The product is not affected by the Regulation (EC) No 2037/2000.

15.2 Chemical safety assessment.

There has been no evaluation a chemical safety assessment of the product.

### 16. Other Information

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.

Abbreviations:



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### JUJUBE (SIDR) POWDER

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STE: Short-term exposure.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.