

# SAFETY DATA SHEET: CALENDULA OFFICINALIS CO<sub>2</sub> TOTAL EXTRACT



According to Regulation (EC) No 1907/2006

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier:

- *Calendula officinalis* (flower) CO<sub>2</sub> Total Extract
- EC / List no.: 283-949-5
- CAS no.: 84776-23-8
- INCI name: *Calendula officinalis* flower Extract

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

Materie prime per l'industria e nei prodotti alimentari, farmaceutici e cosmetici.

### 1.3 Details of the supplier of the safety data sheet

- Company name: Esencial ®
- Address: Elbasan Labinot - Fushe Mengel /E 852 KM 2 Elbasan - Llbrazhd 2564, Objekti NR 6673/1.
- Tel: +355 69 24 30 707
- Email: [contact@esencial.al](mailto:contact@esencial.al)
- Contact person: Ms. Lindita Vrushi
- Web: [www.esencial.al](http://www.esencial.al)

### 1.4 Emergency telephone number:

+355 68 69 09 002

## 2. IDENTIFICAZIONE DEI PERICOLI

### 2.1 Classificazione secondo il regolamento (ce) n. 1272/2008 [CLP]

Hazard categories:

- Acute toxicity: Acute Tox. 3
- Skin corrosion/irritation: Skin Irrit. 2
- Serious eye damage/eye irritation: Eye Irrit. 2 Respiratory or skin sensitization: Resp. Sens. 1  
Respiratory or skin sensitization: Skin Sens. 1 Hazard Statements:
- Toxic if swallowed. Causes skin irritation.
- Causes serious eye irritation.
- May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

### 2.2 Label elements

Signal word: Danger

Pictograms: GHS06-GHS08



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## Hazard statements

- H301 - Toxic if swallowed.
- H315 - Causes skin irritation.
- H317 - May cause an allergic skin reaction.
- H319 - Causes serious eye irritation.
- H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

## Precautionary statements

- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor.
- P302+P352 - IF ON SKIN: Wash with plenty of water.
- P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing..
- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## 2.3 Other hazards

Special skid risk by leaking/spilling product.

## **3. COMPOSITION/INFORMATION ON INGREDIENTS**

### 3.1 Substances

#### **Chemical characterization**

INCI- Name (CTFA): Calendula officinalis (Pot marigold ) Flower Extract,

CAS-no. 84776-23-8,

CE-n. (EINECS/ELINCS): 283-949-5

#### **Hazardous components**

EC No	Nome chimico	Quantità
CAS No	Classificazione secondo la Direttiva 67/548/CEE	
Index No	GHS Classificazione	
289-914-0	Calendula officinalis, ext.	100 %
84776-23-8	Acute Tox. 3, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1; H301 H315 H319 H334 H317	

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## 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

- In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

#### After contact with the eyes

- In caso di contatto con gli occhi, sciacquare immediatamente e abbondantemente con acqua corrente per 10-15 minuti tenendo le palpebre aperte.

#### After ingestion

- Sciacquare immediatamente la bocca e bere molta acqua. Consultare il medico.

### 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

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

#### Suitable extinguishing media

- Foam. Carbon dioxide (CO<sub>2</sub>). Powder

#### Unsuitable extinguishing media

- Water spray.

### 5.2 Special hazards arising from the substance or mixture

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Flammable vapors can accumulate in the steam space of closed systems.

## **5.3 Advice for firefighters**

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

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## **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 vapor, 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.

## **7. HANDLING AND STORAGE**

### **7.1 Precautions for safe handling**

#### **Consigli per una manipolazione sicura**

- Avoid contact with skin, eye and clothing.
- Wear suitable protective clothing, gloves and eye/face protection.
- Do not breathe gas/fumes/vapor/spray.

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

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## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1. Control parameters**

### **8.2. Exposure controls**

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## Protective and hygiene measures

- Change contaminated clothing.

## Eye/face protection

- Wear eye/face protection.

## Hand protection

- When handling chemical substances, chemical protective clothing with CE label (including a four-digit code) must be worn. EN 374

## Skin protection

- Only wear fitting, comfortable and clean protective clothing.
- Take off immediately all contaminated clothing.
- After contact with skin, wash immediately with plenty of water and soap.

## Respiratory protection

- Do not breathe gas/fumes/vapour/spray.
  - Respiratory protection required in case of: aerosol or mist generation.
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## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state: Solid
  - Colour: Dark brown
  - Odour: Natural and fresh fragrance
  - Density at 20°C: > 1.19 g/cm<sup>3</sup> pycnometer
  - Flash point: > 130 °C
  - Boiling point: 110 °C
  - Melting point: 65 °C
  - Solubility: Soluble in lipophilic fluids such as essential oils and vegetable oils
  - Water reactivity: no
  - Solvent trace: no
  - Self-ignition: no
  - Abrasives chemicals: no
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## 10. STABILITY AND REACTIVITY

### 10.1 Stability:

- Stable

### 10.2 Decomposition or dangerous by-products:

- Impossible (the total CO<sub>2</sub> extract requires long physical processes)

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## 10.3 Hazardous Polymerization:

- It won't happen

## 10.4. Conditions to avoid

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

## 10.5 Incompatible materials

- Oxidizing agents

## Further information

No ignition, explosion, self-heating or visible decomposition

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## 11. TOXICOLOGICAL INFORMATION

- Acute toxicity: This is not possible
- Carcinogenicity: It is not possible for that to happen
- Reproductive toxicity: This is not possible
- Mutagenicity: This is not possible

## 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

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## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

### Advice on disposal

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- Waste disposal according to official state regulations.

## Waste disposal number of waste from residues/unused products

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing hazardous substances; hazardous waste

## Contaminated packaging

Waste disposal according to official state regulations

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## 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.

### 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

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## **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:**

No data available

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## **15. REGULATORY INFORMATION**

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

#### **National regulatory information**

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water contaminating class (C): 2 - water contaminating

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## **16. OTHER INFORMATION**

1 - This information is provided for documentary purposes only.

2 - This product is not considered dangerous.

3 - The whole range of conditions or methods of use is beyond our control, therefore we do not take any responsibility and expressly disclaim any responsibility for any use of this product. Information contained in this document is believed to be true and accurate, however, all statements or suggestions are provided without warranty, expressed or implied, as to the accuracy of the information, the risks associated with the use of the material or the results that may be obtained from the use of the same. Compliance with all applicable federal, state and local laws and local regulations remains the responsibility of the user.

4 - This safety data sheet cannot cover all possible situations in which the user could find himself during processing. Every aspect of your operation should be examined to determine if, or where, additional precautions may be needed. All health and safety information contained in this bulletin should be provided to your employees or customers.