

**CO<sub>2</sub> TOTAL EXTRACT SPARTIUM JUNCEUM  
(FLOWER WILD)**

**MSDS - MATERIAL SAFETY DATA SHEET  
2020**



**"ESENCIAL®"----- MARKS, HERBALIST & PRODUCER  
ELBASAN, ALBANIA**

---

**1. PRODUCT NAME AND COMPANY IDENTIFICATION**

- 1 - Product Name: CO<sub>2</sub> Total Extract Spartium Junceum (flower Wild)
- 2 - Product Use: Raw materials for industry
- 3 - Company Name: Esencial
- 4 - Company Address: Elbasan Labinot - Fushe Mengel /E 852 KM 2 Elbasan - Llbrazhd 2564. Objekti NR 6673/1.
- 5 - Lot # TOT191013/16
- 6- Batch # 190919 - C
- 7 - Date Issued: 08/01/2020

---

**2. COMPOSITION/INGREDIENT INFORMATION**

- 1 - Ingredients: CO<sub>2</sub> Total extract Spartium Junceum (flower Wild)
- 2 - Name: CO<sub>2</sub> Total extract Spartium Junceum (flower Wild)
- 3 - Contains: Contains 100% CO<sub>2</sub> Total extract from Spartium Junceum (flower Wild)
- 4 - Additional Information: No additional substance was added to the product
- 5 - Hazardous Components: None
- 6 - Synonyms & Trade names: None
- 7 - CAS – 90131-21-8

---

---

### **3. HAZARDS IDENTIFICATION**

1 - Environmental Hazards: None known

2 - Human Health Hazards:

- a. Eye: Irritation may occur
- b. Skin: Irritation may occur
- c. Ingestion: Irritation may occur
- d. Inhalation: Irritation may occur

---

---

### **4. FIRST AID MEASURES**

1 - Eyes: Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.

2 - Skin: Wash with soap and water- get medical attention if irritation persists.

3 - Ingestion: Rinse mouth immediately and drink large quantities of water. Seek medical attention if large quantity is consumed.

4 - Inhalation: Remove to fresh air. Seek medical attention if needed. Medical Conditions Generally

5 - Aggravated by Exposure: None known

---

---

### **5. FIRE FIGHTING MEASURES**

1 - Extinguishing Media: Dry Chemical, Carbon Dioxide, Foam

2 - Special Firefighting Procedures: Cool containers exposed to flame with water

3 - Unusual Fire & Explosion Hazards: If smoke clouds are created they are not dangerous to human health

---

---

### **6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)**

1 - Personal Protection: Avoid contact with skin and eyes, concentrated extracts should not be swallowed.

2 - Environmental Protection: Keep away from canalization, waterway, and groundwater.

---

---

Mobile Phone: (+ 355 692 430 707)

Web site: [www.esencial.al](http://www.esencial.al)

Email: [contact@esencial.al](mailto:contact@esencial.al)

3 - Methods for Cleaning Up: Remove mechanically, placing in appropriate containers for disposal.

---

---

## **7. HANDLING AND STORAGE**

1 - Handling:

Safe Handling: In case of damage to the inner packaging, put gloves on and dispose of the waste to the container of organic food products.

2 - Storage:

Requirements for Storage Areas and Containers: Store in a cool, dry location, in a sealed container, away from sunlight.

---

---

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

1 - Eye: Wear splash goggles.

2 - Skin/Body: Wear oil resistant gloves. Remove contaminated clothing.

3 - Respiratory: Do not breathe vapor/aerosol.

4 - Ventilation: Area should be well ventilated.

5 - Other: Evaluate need based on application.

6 - Work/Hygiene Practice: Normal work and hygiene practices

---

---

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

1 - Physical State: Solid

2 - Color: Brown

3 - Odor: Characteristic, herbal

4 - Density at 20°C: > 1.0 g/cm<sup>3</sup> pycnometer

5 - Flash Point: > 120 °C

6 - Boiling point: 102 °C

7 - Melting point : 60°C

---

---

Mobile Phone: (+ 355 692 430 707)

Web site: [www.esencial.al](http://www.esencial.al)

Email: [contact@esencial.al](mailto:contact@esencial.al)

- 8 - Viscosity: Very high (total CO2 extract requires pre-use heat)
  - 9 - Solubility: Soluble in oil vegetable / insoluble alcohol / , insoluble in water
  - 10 - Water Reactive: No
  - 11 -Solvent Content: No
  - 11 - Auto-ignition: No
  - 12 - Chemical abrasives: No
- 
- 

### **10. STABILITY AND REACTIVITY**

- 1 - Stability: Stable
  - 2 - Conditions to Avoid: Heat, open flame and sunlight
  - 3 - Hazardous Decomposition or Byproducts: Impossible (CO<sub>2</sub> extract total requires long chemical-physic processes)
  - 4 - Hazardous Polymerization: Will Not Occur
- 
- 

### **11. TOXICOLOGICAL INFORMATION**

- 1 - Acute Toxicity: It is not possible to happen
  - 2 - Carcinogenicity: It is not possible to happen
  - 3 - Reproductive Toxicity: It is not possible to happen
  - 4 - Mutagenicity: It is not possible to happen
- 
- 

### **12. ECOLOGICAL INFORMATION**

- 1 - Ecotoxicity: No data for ecological evaluation available.
- 
- 

### **13. DISPOSAL CONSIDERATIONS**

- 1 - Waste Disposal Methods: Do not put into sewer lines. Dispose of according to local, state and federal regulations.
- 
-

---

---

#### **14. TRANSPORT INFORMATION**

- 1 - UN number: There is no. Not included in the scope of application of dangerous goods By air  
(IATA/ICAO)
- 2 - Transport Hazard class (es) -None
- 3 - IATA: Not dangerous goods
- 4 - Class/Division: Not restricted
- 5 - Label: None
- 6 - Proper Shipping Name: CO<sub>2</sub> Total extract Spartium Junceum (fower Wil )

---

---

#### **15. REGULATORY INFORMATION**

- 1 - Not available

---

---

#### **16. ADDITIONAL INFORMATION**

- 1 - This information is provided for documentation purposes only.
- 2 - This product is not considered hazardous.
- 3 - The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.
- 4 - This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be

provided to your employees or customers.

**END OF SDS SHEET**

---

---

**REVISION DATE: 08/01/2020**

1- Prepared By: Mrs. Lindita Vrushi  
Biochemistry in Esencial ®



Signature

2- Controlled by: Ms. Megi Pashollari  
Production Pharmacist in Esencial ®



Signature-