



اجراء مراقبة الجودة

QC:15

MATERIAL SAFETY DATA SHEET  
Calendula Officinals CO<sub>2</sub> Extract  
CO<sub>2</sub>.008.001

شركة أبوتيك باي  
لخلاصات النباتات

## SECTION 1: Identification of the Product and the Company

**Product Name/ Commercial Name:** Calendula Officinals CO<sub>2</sub> Extract

**Product Use:** In cosmetics and pharmaceuticals.

**Product Form:** CO<sub>2</sub> Extract

### **Details on Manufacturer:**

Name: APOTEC BAY  
Address: E2, Block G14, Industrial Zone, North Extension, Giza  
Governorate  
Telephone: +201007054000  
E-mail: contactus@apotecbay.com

### **Details on Supplier:**

Name: APOTEC BAY  
Address: E2, Block G14, Industrial Zone, North Extension, Giza  
Governorate  
Telephone: +201007054000  
Contact Person:  
E-mail: contactus@apotecbay.com

### **Emergency Phone Number**

## SECTION 2: Composition and Information on Ingredients

<b><u>Component</u></b>	<b><u>CAS No.</u></b>	<b><u>Weight %</u></b>	<b><u>Molecular Weight</u></b>
Calendula Officinals CO <sub>2</sub> Extract	84776-23-8	100 %	N/A

### **Chemical characterization**

INCI Name (CTFA): Calendula Officinalis (Marigold) Flower Extract, CAS-no. 84776-23-8 EC-no.  
(EINECS/ELINCS): 283-949-5

**Further Information** No solvent residues



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## SECTION 3: Hazardous Identification

Classification of the substance or mixture	This substance is not classified as hazardous according to Directive 67/548/EEC.  <b>Classification according to Regulation (EC) No. 1272/2008 [CLP]</b> This substance is not classified as hazardous according to Regulation (EC) No. 1272/2008.
Label elements	<b>Additional advice on labelling</b> According to the regulation 1999/45/EG or appendix VI to the regulation 67/548/EEC the preparation requires no special marking.
Other hazards	Special skid risk by leaking/spilling product.

## SECTION 4: First Aid Measures

### Description of necessary first-aid measures

**General Information:** In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible). Seek medical attention if problems persist.

**After inhalation** Provide fresh air.

**After contact with** Wash with plenty of soap and water.

**skin:**

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

**eyes:**

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

Most important symptoms and effects, both acute and delayed

No data available

Indication of any immediate medical attention and special treatment needed

No data available

## SECTION 5: Fire Fighting Measures

### Extinguishing Media

- Suitable extinguishing media foam, CO<sub>2</sub>, powder
- Extinguishing media which must not be used for safety reasons water stream

Special hazards arising from the substance or mixture formation of dangerous fumes possible

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

Additional information none

## SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures Avoid contact with skin and eyes, concentrated extracts should not be swallowed.  
Wear personal protection equipment.  
Provide adequate ventilation.

Environmental precautions Do not empty into drains or the aquatic environment.

Methods and material for containment and cleaning up suck up with oil binding media. Remove mechanically, placing in appropriate containers for disposal.

## SECTION 7: Handling and Storage

### 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  
Do not breathe gas/fumes/vapour/spray.



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**Conditions for Safe Storage,  
Incl. any Incompatibilities:**

**Requirements for storage rooms and vessels**

Store in a well-ventilated place. Keep container tightly closed.

**Further information on storage conditions**

keep dark and dry, avoid heat

## SECTION 8: Exposure Controls/ Personal Protection

### Control parameters

### Exposure controls

#### Protective and hygiene measures

Protective and hygiene measures:	remove contaminated clothes
Respiratory protection:	do not breathe vapour / aerosol Respiratory protection required in case of: aerosol or mist generation. Filter respirator with filter or ventilator type: A
Hand Protection:	wear oilresistant gloves 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:	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 remove contaminated clothes. After contact with skin, wash immediately with: Water and soap.

## SECTION 9: Physical and Chemical Properties

Appearance, Physical State:	Waxy consistency, liquid at 40°C
Odor:	Characteristic.
Taste:	N/A
Color:	Red – brown color
Refractive Index (20°C)	N/A
pH <sub>5.0%</sub>	N/A
Boiling Point	N/A
Melting Point	N/A
Vapor Pressure	N/A
Vapor Density	N/A

Evaporation Rate	N/A
Flammability Limits (% LFL)	N/A
Upper/lower Explosive Limit	N/A
Flash point	> 100 °C closed cup
Solubility	Good soluble in fat form
Specific Gravity	N/A
Freezing Point	N/A
Ignition Temperature	N/A
Spontaneous Temperature	N/A

## SECTION 10: Stability and Reactivity

Reactivity	Not reactive
Chemical Stability	No data available
Possibility of hazardous reactions	No data available
Conditions to avoid	No data available
Incompatible materials	No data available
Hazardous decomposition products	none - when carefully used
Further information	no decomposition in the application field

## SECTION 11: Toxicological Information

Acute toxicity	According to our knowledge, the chemical, physical and toxicological properties have not been examined extensively.
Irritation and corrosivity	No data available
Sensitizing effects	No data available
Severe effects after repeated or prolonged exposure	No data available
Carcinogenic/mutagenic/toxic effects for reproduction	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
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 mebrane, 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.
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## SECTION 12: Ecological Information

Toxicity	No data for ecological evaluation on hand Under appropriate use there are no ecological problems to expect
Persistence and degradability	no data available
Bioaccumulative potential	no data available
Mobility in soil	no data available
Results of PBT and vPvB assessment	no data available
Further information	no heavy metals and inorganic components

## SECTION 13: Disposal Considerations

<b>Waste treatment methods</b>	<b>Advice on disposal</b> in accordance with valid regulations
<b>Waste disposal number of waste from residues/unused products</b>	160306 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes other than those mentioned in 16 03 05
<b>Contaminated packaging</b>	in accordance with valid regulations

## SECTION 14: Transport Information

<b>Land transport (ADR/RID)</b>	
<u>UN Number</u>	No dangerous good in sense of this transport regulation.
<u>UN Proper shipping name</u>	No dangerous good in sense of this transport regulation.
<u>Transportation hazard classes</u>	No dangerous good in sense of this transport regulation.
<u>Packing group</u>	No dangerous good in sense of this transport regulation.
<b>Inland waterways transport (ADN)</b>	
<u>UN Number</u>	No dangerous good in sense of this transport regulation.
<u>UN Proper shipping name</u>	No dangerous good in sense of this transport regulation.
<u>Transportation hazard classes</u>	No dangerous good in sense of this transport regulation.
<u>Packing group</u>	No dangerous good in sense of this transport regulation.
<b>Marine transport (IMDG)</b>	
<u>UN Number</u>	No dangerous good in sense of this transport regulation.



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<u>UN Proper shipping name</u>	No dangerous good in sense of this transport regulation.
<u>Transportation hazard classes</u>	No dangerous good in sense of this transport regulation.
<u>Packing group</u>	No dangerous good in sense of this transport regulation.
<b>Air transport (ICAO)</b>	
<u>UN Number</u>	No dangerous good in sense of this transport regulation.
<u>UN Proper shipping name</u>	No dangerous good in sense of this transport regulation.
<u>Transportation hazard classes</u>	No dangerous good in sense of this transport regulation.
<u>Packing group</u>	No dangerous good in sense of this transport regulation.
<u>Environmental hazards</u>	ENVIRONMENTALLY HAZARDOUS: no

## SECTION 15: Regulatory Information

<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
<b>National regulatory information</b>	
Water contaminating class (D):	1 - slightly water contaminating

## SECTION 16: Additional Information

<b>Changes</b>	Reason for revision: general revision of whole document
<b>Further Information</b>	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.