



اجراء مراقبة الجودة

QP:15

MATERIAL SAFETY DATA SHEET  
Cumin CO2 Extract  
Code: CO<sub>2</sub>.005.001

شركة أبوتيك باي  
لخلاصات النباتات

## SECTION 1:

## Identification of the Product and the Company

<b><u>Product Name/ Commercial Name:</u></b>	Cumin CO2 Extract
<b><u>Product Use:</u></b>	In food, pharmaceuticals and cosmetic products
<b><u>Product Form:</u></b>	CO <sub>2</sub> Extract
<b><u>Details on Manufacturer:</u></b>	
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>
Cumin CO2 Extract	84775-51-9	100 %	N/A

INCI-name (CTFA): Cuminum Cyminum (Cumin) Seed Extract, CAS-no. 84775-51-9 EC-no.

(EINECS/ELINCS): 283-881-6

### **Hazardous components**

GHS classification : Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, Aquatic Chronic 3; H315 H319 H317  
H412

Classification : Xi R36/37/38-52-53

## SECTION 3: Hazardous Identification

### Classification of the substance or mixture

Indications of danger : Irritant

R-phrases:

Irritating to eyes, respiratory system and skin.

Harmful to aquatic organisms.

May cause long-term adverse effects in the aquatic environment.

### Label elements

Signal word: Warning

Pictograms: GHS07



### **Hazardous components which must be listed on the label**

### **Hazard statements**

Cumin, ext.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects

### **Precautionary statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash hands thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye

protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water

### **Other hazards**

Special skid risk by leaking/spilling product.

Contains linalool, limonene [CAS-no. 5989-27-5]

May cause allergic reactions.

### **Additional advice on labelling**

The classification was undertaken in accordance with the method of calculation governed by the preparation regulations (1999/45/EC).

## 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..



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**After contact with skin**

After contact with skin, wash immediately with: Water and soap.

Seek medical attention if problems persist.

**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.

Consult an ophthalmologist.

**After ingestion**

Rinse mouth immediately and drink large quantities of water. Consult physician.

## 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

**Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus

**Special hazards arising from the substance or mixture**

formation of dangerous fumes possible

**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.

Wear respiratory protection when in the presence of vapour , dust, and aerosols

**Environmental precautions**

keep away from canalisation, waterway, groundwater

**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



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be swallowed.

wear splash goggles and oilresistent gloves

Do not breathe gas/fumes/vapour/spray.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking.

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

**Requirements for storage rooms and vessels**

no special measures necessary

**Further information on storage conditions**

keep dark and dry, avoid heat

store in tightly closed container

## SECTION 8:

## Exposure Controls/ Personal Protection

### Control parameters

### Exposure controls

**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**

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:**

wear splash goggles

**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:

Viscous Liquid.

Odor:

Characteristic

Taste:

N/A

Color:

Green - brown

Boiling Point

N/A



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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	> 61 °C closed cup
Solubility in fat form	Soluble
Specific Gravity	N/A
Freezing Point	N/A
Ignition Temperature	N/A
Spontaneous Temperature	N/A
Density (at 20 °C)	≤ 1 g/cm <sup>3</sup>

## SECTION 10:

## Stability and Reactivity

<b>Conditions to avoid</b>	heat, open flame, sun light
<b>Incompatible materials</b>	Oxidizing agents
<b>Hazardous decomposition products</b>	none - when carefully used
<b>Further information</b>	no decomposition in the application field

## SECTION 11:

## Toxicological Information

### Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### **Toxicokinetics, metabolism and distribution**

According to our knowledge, the chemical, physical and toxicological properties have not been examined extensively.

#### **Specific effects in experiment on an animal**

no data available

#### **Irritation and corrosivity**

Irritates skin and eyes

#### **Sensitising effects**

May cause allergic reactions of the skin

#### **Severe effects after repeated or prolonged exposure**

no data available

#### **Carcinogenic/mutagenic/toxic effects for reproduction**

no data available

#### **Empirical data on effects on humans**

Irritating to eyes, respiratory system and skin

#### **Further information**

Acute toxicity, irritation of the skin and mucous membrane, and mutagenic potential of the preparation assessed by the manufacturer on the basis of the data sheets available on the main components.

Information gaps exist on some of the main individual components. However, according to the



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experience of the manufacturer, no dangers above and beyond those on the product label are to be expected.

## 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

### Waste treatment methods

#### Advice on disposal

in accordance with valid 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 dangerous substances  
Classified as hazardous waste.

#### Contaminated packaging

in accordance with valid regulations

## SECTION 14:

## Transport Information

### Other applicable information

no dangerous good in the sense of the transport regulations

## SECTION 15:

## Regulatory Information

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

#### National regulatory information

Employment restrictions: Observe employment restrictions for young people.

Water contaminating class (D): 2 - water contaminating

#### Chemical safety assessment

For this substance a chemical safety assessment is not required.



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## SECTION 16:

## Additional Information

### Full text of R-phrases referred to under sections 2 and 3

36/37/38 Irritating to eyes, respiratory system and skin.

52 Harmful to aquatic organisms.

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

53 May cause long-term adverse effects in the aquatic environment.

### Full text of H-Statements referred to under sections 2 and 3

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects

### Further Information

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