



اجراء مراقبة الجودة

QC:15

MATERIAL SAFETY DATA SHEET

Clove CO<sub>2</sub> Extract

Code: CO<sub>2</sub>.031.001

شركة أبوتيك باي  
لخلاصات النباتات

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

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

**Product Use:** In Food, Food supplements and Cosmetic industry.

**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>
Clove CO <sub>2</sub> Extract	84961-50-2	100 %	N/A



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## SECTION 3: Hazards Identification

### Emergency Overview:

This is a Traditional medicine, Food, Food supplement and Cosmetics industries. That is safe for consumers and other users under intended usage. It is non-hazardous.

### Potential Health Effects:

**Eye:** Contact may cause mild, transient irritation. Some redness and / or stinging may occur.

**Skin:** Not expected to be irritating, sensitizing, photo allergenic or phototoxic when used as intended.

**Inhalation:** Not expected to be irritating to the respiratory system. Not volatile, therefore limited inhalation exposure anticipated.

**Ingestion:** Product used as intended is not expected to cause gastrointestinal irritation. Accidental ingestion of undiluted product may cause mild irritation with nausea, vomiting and diarrhea.

The product does not contain ingredients considered hazardous as defined by OSHA, 29 CFR 1910.1200, by WHIMIS, or GHS System of Classification & Labelling of Chemical

## SECTION 4: First Aid Measures

### Description of necessary first-aid measures:

#### General advice

Consult a physician. Show this material safety data sheet to the doctor in attendance.

#### If inhalation

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

#### In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

#### In case of eye contact

Flush eyes with water as a precaution.

#### If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

The most important known symptoms and effects are described in the labelling (see section 3) and/or in section 11

**Indication of any immediate medical attention and special treatment needed:** No data available



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## SECTION 5:

## Fire Fighting Measures

**Extinguishing Media:**

Use chemical foam, dry chemical, carbon dioxide or water.

**Explosion Hazard:**

Not applicable.

## SECTION 6:

## Accidental Release Measures

**Procedures for Spill / Leak Clean-up: Household Settings:**

Absorb liquid and scrub the area. Dilute with water until surface is no longer slippery.

**Non-Household Settings:**

Use safety glasses if splash hazard exists. Use gloves and other protective clothing to prevent skin contact.

**Procedures for Spill / Leak Clean-up: Household Settings:**

Absorb liquid and scrub the area. Dilute with water until surface is no longer slippery.

**Non-Household Settings:**

Use safety glasses if splash hazard exists. Use gloves and other protective clothing to prevent skin contact.

## SECTION 7:

## Handling and Storage

**Precautions for Safe Handling:**

Avoid contact with eyes.

**Household Settings:**

**Non-Household Settings:**

No unusual handling or storage requirements. Storage in large quantities (warehouse) should be in a well-ventilated, cool area.

**Conditions for Safe Storage:**

Normal household storage.

**Household Settings:**

**Non-Household Settings:**

No unusual handling or storage requirements. Storage in large quantities (warehouse) should be in a well-ventilated, cool area.

## SECTION 8: Exposure Controls/ Personal Protection

### Household Settings:

This is a Traditional medicine, Food, Food supplement and Cosmetics industries. That is safe for consumers and other users under normal and reasonably foreseen use.

### Non-Household Settings:

Use safety glasses if splash hazards exist, use gloves and other protective clothing to prevent skin contact. Always follow good hygienic work practices. Avoid prolonged contact with skin and clothing.

### Body protection:

Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.



## SECTION 9: Physical and Chemical Properties

Appearance, Physical State:	Slightly viscous liquid
Odor:	Characteristic
Taste:	N/A
Color:	Brown
pH <sub>SEP</sub> :	N/A
Initial boiling point and boiling range	N/A
Melting point/freezing 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	>93°C closed cup
Solubility	Good soluble in fat form
Freezing Point	N/A
Ignition Temperature	N/A
Spontaneous Temperature	N/A



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## SECTION 10:

## Stability and Reactivity

<b>Reactivity:</b>	Not reactive.
<b>Chemical stability:</b>	This substance is stable under the recommended handling and storage conditions.
<b>Conditions to avoid:</b>	None know

## SECTION 11:

## Toxicological Information

This is a Traditional medicine, Food, Food supplement and Cosmetics industries. That is safe for consumers and other users under intended and reasonably foreseeable use.

<b>Chronic Effects:</b>	Finished product is not expected to have chronic health effects.
<b>Target Organs:</b>	Target Organs: No adverse health effects on target organs expected for finished product.
<b>Carcinogenicity:</b>	Carcinogenicity: Finished product is not expected to be carcinogenic. NTP: No IARC: No OSHA: No

## SECTION 12:

## Ecological Information

The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios.

<b>Toxicity</b>	No data available
<b>Persistence and degradability</b>	No data available
<b>Bioaccumulative potential</b>	No data available
<b>Mobility in soil</b>	No data available
<b>Other adverse effects</b>	No data available



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## SECTION 13:

## Disposal Considerations

### Waste treatment methods Product

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

### Contaminated packaging

Dispose of as unused product.

## SECTION 14:

## Transport Information

Finished product transported by ground (DOT):	Non-hazardous
Finished product transported by vessel (IMDG):	Non-hazardous
Finished product transported by air (IATA):	Non-hazardous

## SECTION 15:

## Regulatory Information

<b>US</b>	Finished product is not considered hazardous as defined in 29 CFR 1910.1200. This product is regulated under the Federal Food Drug and Cosmetic Act and is safe to use as per directions. All chemical substances are included or exempt from listing on the TSCA Inventory of Chemical Substances. SARA 302, 304, 311, 312, 313 = none
<b>Canada</b>	All ingredients are CEPA approved. This is a cosmetic and is not regulated by WHMIS. All ingredients are listed or exempt for DSL.
<b>EU</b>	All ingredients are listed, exempt or notified for EINECS.
<b>Other</b>	Fragrance contained within the product complies with IFRA guidance.



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## SECTION 16:

## Additional Information

Hazard Rating:	HMIS	NFPA
Health	1	1
Flammability	0	0
Reactivity	0	0
PPE	X	

### Disclaimer

APOTEC Bay Reference Standards are sold for chemical test and assay purposes only, and NOT for human consumption. The information contained herein is applicable solely to the chemical substance when used as a APOTEC Bay Reference Standard and does not necessarily relate to any other use of the substance described, (i.e., at different concentrations, in drug dosage forms, or in bulk quantities). APOTEC Bay Reference Standards are intended for use by persons having technical skill and at their own discretion and risk. This information has been developed by APOTEC Bay staff from sources considered reliable but has not been independently verified by the APOTEC Bay. Therefore, the APOTEC Bay Convention cannot guarantee the accuracy of the information in these sources nor should the statements contained herein be considered an official expression. NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE is made with respect to the information contained herein.