



اجراء مراقبة الجودة

QC:15

MATERIAL SAFETY DATA SHEET
Ginger CO₂ Extract
CO₂.006.001

شركة أبوتيك باي
لخلاصات النباتات

SECTION 1: Identification of the Product and the Company

Product Name/ Commercial Name: Ginger CO₂ Extract

Product Use: In food, food supplements and cosmetics

Product Form: CO₂ 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

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Ginger CO ₂ Extract	84696-15-1	100 %	N/A

INCI-name (CTFA): Zingiber Officinale (Ginger) Rhizomes, dried Extract, CAS-no. 84696-15-1 EC-no. (EINECS/ELINCS): 283-634-2

SECTION 3: Hazardous Identification

Emergency Overview:

This is a Traditional medicine, Food, Food supplement and Cosmetics industries. That is safe for consumers and



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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 Chemicals.

SECTION 4: First Aid Measures

Description of necessary first-aid measures

General Information:	Seek medical attention if problems persist.
After inhalation	Provide fresh air.
After contact with skin:	After contact with skin, wash immediately with plenty of water and soap.
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.
After ingestion:	Rinse mouth immediately and drink large quantities of water. Consult physician.

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, Carbon dioxide CO₂, powder
- Unsuitable extinguishing water spray



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media

Special hazards arising from the substance or mixture

Flammable vapours can accumulate in steam space of closed systems.

Advice for firefighters

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

SECTION 6:

Accidental Release Measures

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 vapour, dust, and aerosols.

Environmental precautions

Avoid release to the environment.

Methods and material for containment and cleaning up

Take up with oil-absorbing compound. 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, eye and clothing.
Wear suitable protective clothing, gloves and eye/face protection.
Do not breathe gas/fumes/vapour/spray.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

Requirements for storage rooms and vessels

Conditions for Safe Storage, Incl. any Incompatibilities:

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

SECTION 8:

Exposure Controls/ Personal Protection

Control parameters

Exposure controls

Protective and hygiene measures

Change contaminated clothing.

Respiratory protection:

Do not breathe gas/fumes/vapour/spray.
Respiratory protection required in case of: aerosol or mist



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Hand Protection:	generation. When handling chemical substances, chemical protective clothing CE label (including a four digit code) must be worn EN 374.
Eye/Face Protection:	Wear eye/face protection.
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.

SECTION 9: Physical and Chemical Properties

Appearance, Physical State:	Viscous liquid
Odor:	Characteristic
Taste:	N/A
Color:	Brown – dark brown
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	94 °C closed cup
Solubility in fat form	Soluble
Specific Gravity	N/A
Freezing Point	N/A
Ignition Temperature	N/A
Spontaneous Temperature	N/A

SECTION 10: Stability and Reactivity

Reactivity	No data available
Chemical Stability	No data available
Possibility of hazardous reactions	No data available
Conditions to avoid	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Incompatible materials	Oxidizing agents.
Further information	No ignition, explosion, self-heating or visible decomposition.

SECTION 11:

Toxicological Information

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

Acute oral toxicity (LD50):

Non toxic

Acute dermal toxicity (LD50):

Non toxic

Acute Inhalation toxicity (LC50 Gas):

Non toxic

Acute Inhalation toxicity (LC50 Dusts and Mists):

Non toxic

Acute Inhalation toxicity (LC50 Vapours):

Non toxic

See also sections 2 and 3.

Information on other hazards

Endocrine disrupting properties.:

The product does not contain substances identified as having human health endocrine disrupting properties in a concentration equal to or greater than 0,1 % (w/w).

SECTION 12:

Ecological Information

Toxicity

No special environmental protection measures are necessary.

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

SECTION 13:

Disposal Considerations

Waste treatment methods

Advice on disposal

Waste disposal number of waste from residues/unused products

Waste disposal according to official state regulations.
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.

SECTION 14:

Transport Information

Finished product transported by ground (DOT): Non-hazardous

Finished product transported by vessel (IMDG): Non-hazardous



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Finished product transported by air (IATA): Non-hazardous

SECTION 15:

Regulatory Information

US	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
Canada	All ingredients are CEPA approved. This is a cosmetic and is not regulated by WHMIS. All ingredients are listed or exempt for DSL.
EU	All ingredients are listed, exempt or notified for EINECS.
Other	Fragrance contained within the product complies with IFRA guidance.

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



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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.

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