



اجراء مراقبة الجودة

QC:15

MATERIAL SAFETY DATA SHEET
Capsicum CO₂ Extract
CO₂.003.006

شركة أبوتيك باي
لخلاصات النباتات

SECTION 1: Identification of the Product and the Company

Product Name/ Commercial Name: Capsicum CO₂ Extract

Product Use: In food, pharmaceutic and cosmetic products

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>
Capsicum CO ₂ Extract	85940-30-3	100 %	N/A

Chemical characterization

INCI-Name (CTFA): Capsicum Frutescens (Chili) Fruit Extract, CAS-no. 85940-30-3 EC-no. (EINECS/ELINCS): 288-920-0

Acute Tox. 3, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1; H301 H315
H319 H334 H317

SECTION 3:

Hazardous Identification

**Classification according to
Regulation (EC) No. 1272/2008
[CLP]**

Hazard categories:

Acute toxicity: Acute Tox. 3

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Respiratory or skin sensitization: Resp. Sens. 1

Respiratory or skin sensitization: Skin Sens. 1

Hazard Statements:

Toxic if swallowed.

Causes skin irritation.

Causes serious eye irritation.

May cause allergy or asthma symptoms or breathing difficulties if inhaled .

May cause an allergic skin reaction.

Signal word: Danger

Pictograms: GHS06-GHS08



Label elements

Hazard statements

H301 Toxic if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled .

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

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

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Other hazards

Special skid risk by leaking/spilling product

SECTION 4: First Aid Measures

Description of necessary first-aid measures

<u>General Information:</u>	Seek medical attention if problems persist
<u>After inhalation</u>	Provide fresh air
<u>After contact with skin:</u>	Gently wash with plenty of soap and water.
<u>After contact with eyes:</u>	In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart.
<u>After ingestion:</u>	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, CO ₂ , powder
Unsuitable extinguishing media	water spray
<u>Special hazards arising from the substance or mixture</u>	Flammable vapours can accumulate in steam space of closed systems.
<u>Advice for firefighters</u>	In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental Release Measures

<u>Personal precautions, protective equipment and emergency procedures</u>	Avoid contact with skin, eye and clothing. Wear personal protection equipment. Provide adequate ventilation. Wear respiratory protection when in the presence of vapour , dust,
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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.

Conditions for Safe Storage, Incl. any Incompatibilities:

Requirements for storage rooms and vessels

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 generation.

Hand Protection:

When handling chemical substances, chemical protective clothing with 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:	Pungent
Taste:	N/A
Color:	Dark red
pH _{SEP} :	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	> 65 °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	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 toxicological effects

Toxicokinetics, metabolism and distribution	No data available
Acute toxicity	CAS No: 85940-30-3 Chemical name: Capsicum frutescens, ext. Exposure route : oral Method: ATE Dose : 100 mg/kg



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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 according to official state 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 hazardous substances; hazardous waste
Contaminated packaging	Waste disposal according to official state regulations.

SECTION 14:

Transport Information

Land transport (ADR/RID)

<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.

Inland waterways transport (ADN)

<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.

Marine transport (IMDG)

<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.

Air transport (ICAO-TI/IATA-DGR)

<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.



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Packing group No dangerous good in sense of this transport regulation.
Environmental hazards ENVIRONMENTALLY HAZARDOUS: no
ENVIRONMENTALLY HAZARDOUS no
Special precautions for user No data available
Transport in bulk according to Annex II of Marpol and the IBC Code
No data available

SECTION 15:

Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture
National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water contaminating class (D): 1 - highly water contaminating.

SECTION 16:

Additional Information

Relevant H and EUH statements (number and full text) H301 Toxic if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled .