



اجراء مراقبة الجودة

QC:15

MATERIAL SAFETY DATA SHEET

Anise CO₂ Extract

CO₂.017.001

شركة أبوتيك باي
لخلاصات النباتات

SECTION 1: Identification of the Product and the Company

Product Name/ Commercial Name: Anise CO₂ Extract

Product Use: In medicine, food 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>
Anise CO ₂ Extract	8007-70-3	100 %	N/A

Chemical characterization

INCI-Name: Pimpinella anisum (Seed) Extract, CAS-Nr. 8007-70-3, EINECS-Nr. 283-872-7

SECTION 3: Hazardous Identification

Classification of the substance or mixture Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008



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Label elements

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher

SECTION 4: First Aid Measures

Description of first-aid measures

General Information:

When in doubt or if symptoms are observed, get medical advice. If unconscious place in recovery position and seek medical advice. Never give anything by mouth to an unconscious person or a person with cramps. Change contaminated, saturated clothing. Do not leave affected person unattended.

After inhalation

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. In case of respiratory tract irritation, consult a physician.

In case of Skin contact:

Remove contaminated clothing wash the affected area thoroughly with soap and water. If discomfort persists seek medical attention.

After eye contact:

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Protect uninjured eye. Remove contact lenses, if present and easy to do. Continue rinsing.

In case of Ingestion:

DO NOT INDUCE VOMITING. In case of spontaneous vomiting, ensure vomit can drain freely to prevent danger of suffocation. Never give anything by mouth to an unconscious person when conscious, rinse mouth with 500ml water. If there is difficulty in breathing give oxygen. If breathing stops or shows signs of failing, apply artificial respiration. Obtain medical attention should symptoms persist.

Most important symptoms and effects, both acute and delayed

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

Indication of any immediate medical attention and special treatment needed

No data available

Self-protection of the first aider

First aider: Pay attention to self-protection

Information to physician

No data available

SECTION 5: Fire Fighting Measures

Extinguishing Media

- Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide
- Extinguishing media which must not be used for safety reasons No restriction

Special hazards arising from the substance or mixture

Nature of decomposition products not known

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary

Additional information

Do not allow run-off from fire-fighting to enter drains or water courses. Do not inhale explosion and combustion gases. Use caution when applying carbon dioxide in confined spaces. Carbon dioxide can displace oxygen. Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Remove all sources of ignition. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas

Environmental precautions

Prevent contamination of soils, drains and surface water. Do not let product enter drains

Methods and material for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

Additional information

Keep in suitable, closed containers for disposal.

For disposal see section 13

SECTION 7: Handling and Storage

Precautions for Safe Handling:

Product should be handled according to good industrial practice. Use in well-ventilated area avoid inhaling vapour. Avoid contact with eyes, skin, and clothing. Keeping container tightly closed when not in use. Keep away from sources of ignition. - No smoking. Usual



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measures for fire prevention. Take measures to prevent the build up of electrostatic charge.

Conditions for Safe Storage:

storage temperature

Recommended storage temperature 2 - 8 °C

Storage class

Storage class (TRGS 510): Combustible liquids

storage area:

Light sensitive. It should be cool, well ventilated. Store away from sources of heat and ignition. Storage and transfer should be adequately earthed and bounded to the accumulation of static charge

Specific end use(s):

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8:

Exposure Controls/ Personal Protection

Control parameters

Contains no substances with occupational exposure limit values

Exposure controls

Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday

Personal protection equipment:

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

- Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.
- The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.
- Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
- Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains

SECTION 9: Physical and Chemical Properties

Appearance, Physical State:	Liquid oil
Odor:	Characteristic
Taste:	N/A
Color:	Greenish yellow
Density (20°C)	0.925 – 0.940 g/cm ³
pH _{5.0-7.0}	N/A
Initial boiling point and boiling range	N/A
Melting point/freezing point	N/A
Melting point/range	
Vapor Pressure	N/A
Vapor Density	N/A
Evaporation Rate	N/A
Flammability Limits (% LFL)	N/A
Upper/lower Explosive Limit	N/A
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	Stable under recommended storage conditions
Possibility of hazardous reactions	no data available
Conditions to avoid	Heat, flames and sparks
Incompatible materials	no data available
Hazardous decomposition products	no data available
Additional information	no data available

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

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



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Irritation and corrosivity	No data available
Sensitising 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	No data available

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

160306 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused

products; organic wastes other than those mentioned in 16 03 05

Contaminated packaging

in accordance with valid regulations

SECTION 14: Transport Information

Land transport (ADR/RID)

UN number	N/A
UN proper shipping name	Not dangerous goods
Classification	N/A
Transport hazard class(es):	N/A
Packaging group	N/A



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Environmental hazards N/A
Special precautions for user
• Hazard identification number (kemler No.): no data available
• Tunnel restriction code: no data available

Sea transport (IMDG)

UN number N/A
UN proper shipping name Not dangerous goods
Classification N/A
Transport hazard class(es): N/A
Packaging group: N/A
Environmental hazards: No
Marine pollutant No
Special precautions for user: no data available
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not relevant

Air transport (ICAO-TI / IATA-DGR)

UN number N/A
UN proper shipping name Not dangerous goods
Classification: N/A
Transport hazard class(es): N/A
Packaging group: N/A
Special precautions for user: Not relevant

SECTION 15: Regulatory Information

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

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Additional Information

Changes

Reason for revision: general revision of whole document

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.