



اجراءات مراقبه الجوده

QC:15

MATERIAL SAFETY DATA SHEET
Garlic Essential Oil
EO-026.001

شركه ابوتك باي
لخلاصات النباتات

SECTION 1: Identification of the Product and the Company

Product Name/ Commercial Name: Garlic Essential Oil

Product Use: In food industry and in pharmaceuticals.

Product Form: Essential oil

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



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SECTION 2: Composition and Information on Ingredients

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Garlic Essential Oil	8000-78-0	100	N/A

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 Chemicals.

SECTION 4: First Aid Measures

Description of necessary first-aid measures

Eye: Thorough rinsing for 15 – 20 minutes is recommended. If irritation persists, contact a physician.

Skin: Discontinue use of product. Apply cold compresses to affected areas to relieve discomfort. If discomfort persists, contact a physician.

Inhalation: If respiratory irritation occurs, remove individual to fresh air.

Ingestion: Accidental ingestion of product may require medical attention. In case of accidental ingestion dilute with water. Do not induce vomiting. If discomfort persists, contact a physician.



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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.

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.





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SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties:

Physical state: Transparent liquid

Color: Colorless to pale yellow

Odor: Like fresh culinary Thyme

Miscibility in essential oil: Soluble

PH: Not applicable

Boiling point/boiling range: Not specified

Flash Point: 55°C

Vapor pressure: 175 kPa - 300 kPa

Evaporation rate: Not specified

Water solubility: Insoluble

Self-ignition temperature: Not specified

Decomposition point/decomposition range: Not specified

SECTION 10: Stability and Reactivity

Reactivity: Not reactive.

Chemical stability

This substance is stable under the recommended handling and storage conditions.

Conditions to avoid: None know.



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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.

Chronic Effects:	Finished product is not expected to have chronic health effects.
Target Organs:	Target Organs: No adverse health effects on target organs expected for finished product.
Carcinogenicity:	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.
Toxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Other adverse effects	No data available

SECTION 13: Disposal Considerations

Waste treatment methods	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.
Product	
Contaminated packaging	Dispose of as unused product.



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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

- 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.



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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.