



Adem ŞAHİN

AVEZ Tıbbi ve Aromatik Bitki ve Yağları Üretim ve Ticaret

Uğurlu Mahallesi Alabaşlar Sokak No:13/1

Kaynarca Sakarya Türkiye

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MATERIAL SAFETY DATA SHEETS

LAUREL LEAF (BAY) ESSENTIAL OIL (LAURUS NOBILIS)

SECTION: 1.1 PRODUCT IDENTIFICATION

Product Name:	Laurel Leaf (Bay) Essential Oil
Botanical Name:	Laurus nobilis L
Synonyms:	Laurus nobilis angustifolia, Laurus undulate
INCI Name:	Laurus nobilis leaf oil
CAS #:	8002-41-3

SECTION: 1.2 COMPANY IDENTIFICATION

Company:	Adem ŞAHİN - AVEZ Tıbbi ve Aromatik Bitki ve Yağları Üretim ve Ticaret
Address:	Uğurlu Mahallesi Alabaşlar Sokak No:13/1 Kaynarca Sakarya Türkiye
Phone:	+90 545 381 86 91
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SECTION: 2. COMPOSITION / INFORMATION INGREDIENTS

Contents:	1,8-Cineole, linalool, -pinene, terpynil acetate, terpinene-4-ol, β -pinene, methyleugenol, eugenol
Composition:	1,8-Cineole: 40 – 60 % Linalool: 0 – 5 % Methyleugenol 1 – 3 % Eugenol 0 – 2,5 %

SECTION: 3. HAZARDS IDENTIFICATION

Label in accordance with (EC) No 1272/2008:	
Slightly hazardous	Contains Cineole, pinenes, terpinylacetate, linalool, methyleugenol, alpha-terpineol, terpinen-4-ol, eugenol and others
Hazard statements:	H226 Flammable liquid and vapour H302 Harmful if swallowed H304 Aspiration hazard H315 Skin corrosion/irritation H317 Skin sensitisation H319 Serious eye damage / eye irritation H411 Hazardous to the aquatic environment - chronic hazard



SECTION: 4. FIRST AID MEASURES

Eye Contact:	Contact with eyes can produce burning sensation. Irrigate with water immediately, continue flushing eyes with water for 15 minutes. Seek medical attention if irritation persists.
Inhalation:	Remove to fresh air. Give oxygen if breathing is labored and seek medical advice. Avoid casual breathing. Signs of over exposure are dizziness and nausea.
Ingestion:	Rinse mouth; dilute with milk or water and consult a physician immediately. Do not induce vomiting. Never-give anything by mouth if victim is unconscious, is rapidly-losing or is Convulsing.
Skin Contact:	Skin contact can produce irritation, or itching of the skin. Remove contaminated clothing Wash with soap and plenty of water. Seek medical attention if irritation persists.

SECTION: 5. FIRE FIGHTING MEASURES

Flash Point:	55 °C / 131 °F
Extinguishing Media:	Carbon Dioxide, dry chemical or foam. Closed containers may build up pressure at elevated temperature. Do not use direct water jet on burning material.
Special Procedures:	Determine the need to evacuate or isolate the area according to your local emergency plan.
Firefighting Hazards:	None identified.
Protective Equipment:	Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving essential oils or chemicals.

SECTION: 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Maintain good occupational and personal hygiene. Avoid contact with skin and eyes. Use of self-contained breathing apparatus is recommended for any major chemical spill. Refer also to section 8.
Safety Precautions:	Eliminate all ignition sources. Ventilate area. Determine the need to evacuate or isolate the area according to your local emergency plan. Keep away from drains, surface and ground water. Report spills to Appropriate Authorities if required.
Environmental Precautions:	Do not discharge directly into drains or soil. Keep away from surface and ground water.
Methods For Cleaning Up:	Contain and collect with inert absorbent material and place in suitable container for disposal. Comply with all federal, state, and local regulation. Wipe small spills with cloth. Clean with hot water and detergent.



SECTION: 7. HANDLING AND STORAGE

Handling:	Apply good manufacturing practice & industrial hygiene practices, ensuring proper work place ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before re-use.
Storage:	Containers should be kept closed in order to minimize contamination. Store in a cool, dry, well ventilated place protected from light. Keep away from extreme heat and from freezing conditions and away from all sources of ignition.

SECTION: 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes Protection:	The use of safety glasses is recommended. If a material is to be handled in a manner where splashing may occur, the use of splash goggles or face shield is recommended.
Respiratory Protection:	In well - ventilated areas, respiratory protection is not normally required. In confined, poorly ventilated areas the use of "NIOSH" approved respiratory protection normally required (use only if trained in proper use and with acceptable oxygen level).
Protective Gloves:	Using chemical resistant gloves is recommended.
Protective Clothing:	Using chemical resistant clothing is recommended.
Protective Equipment:	An eyewash fountain and / or safety shower should be available in the work area. Acceptable industrial hygiene practices should be maintained.
Note:	These precautions are for room temperature handling. Use at elevated temperature or aerosol / spray applications may require additional precautions

SECTION: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Ranges from pale yellow to green liquid.
Odor:	Characteristic spicy, bay leaf odor.
Solubility:	Soluble in alcohol and oils. Insoluble in water.
Specific Gravity:	0.89 – 0.95 @ 20°C
Refractive Index:	1.450 – 1.550 @ 20°C
Extraction Method:	Steam distillation of the leaves and stems.



SECTION: 10. STABILITY AND REACTIVITY

Stability:	Chemically stable. This material presents no significant reactivity hazard.
Conditions to Avoid:	Avoid sparks, flame and excessive heat and storage temperatures above 25°C
Materials to Avoid:	Avoid contact with strong acids, alkalis and oxidising agents.
Hazardous Polymerization:	Will not occur.
Hazardous Combustion or Decomposition Products:	None known. When heated to decomposition produces acid fumes and carbon monoxide smoke. Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

SECTION: 11. TOXICOLOGICAL INFORMATION

Inhalation:	Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.
Skin Contact:	Repeated or prolonged contact can cause redness, irritation and scaling of skin (Dermatitis). Adverse skin effects should be prevented by normal care and personal hygiene.
Eye Contact:	May irritate eyes.
Ingestion:	Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting.
Medical Conditions Aggravated by Exposure:	May aggravate dermatitis, psoriasis and other skin conditions.
Chronic Toxicity:	May cause allergic reactions on skin
Carcinogenicity Data:	None of the components of this material are listed as a carcinogen.
Reproductive Toxicity:	No adverse effects on reproduction are known.
Acute Toxicity Values:	No data is currently available.

SECTION: 12. ECOLOGICAL INFORMATION

May be toxic to aquatic organism; may cause long-term adverse effects in the aquatic environment. Avoid any pollution of ground, surface or underground water. Do not discharge into the environment especially into waterways, sewers and the sea.

SECTION: 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, provincial and federal regulations. Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company. Check with disposal expert to ensure compliance.



SECTION: 14. TRANSPORT INFORMATION

Proper Shipping Name:	Not restricted
US DOT Shipping Description:	Not dangerous goods
Class:	None
Packaging Group:	N/A
IATA Shipping (Air):	Not dangerous goods
Class:	None
Packaging Group:	N/A
IMO Shipping Description:	Not dangerous goods
Class:	None
Packaging Group:	N/A

SECTION: 15. REGULATORY INFORMATION

WHMIS (Canada):	N/A
HMIS (USA):	Health Hazard – 0 Fire Hazard –0 Reactivity – 0
SARA 302/ SARA 313:	None
California Proposition 65:	This product does not contain chemical listed per the Safe Drinking Water and Enforcement Act of 1986.

SECTION: 16. OTHER INFORMATION

Revision Date:	12.01.2025
Revision No:	3

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