

SAFETY DATA SHEET (SDS)

Version 2.0

Revision Date : December 20, 2016

Print Date : April 27, 2017

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Bay Essential Oil

Botanical name : Laurus nobilis L.

Synonyms : Laurel, Sweet Bay, Grecian Laurel.

INCI name : Laurus nobilis Leaf Oil

CAS # : 8002-41-3

Country of Origin : Hungary

Product use : Domestic and Industrial

Supplier : Canwax

Address : 114 Lindgren Rd. W Unit 1B P1H 1Y2

Fax :

Telephone number : 705-789-1002

Emergency phone number : (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. HAZARDS IDENTIFICATION**Emergency Overview****GHS Label elements, including precautionary statements**

Signal : Warning

HMIS Classification & Potential Health Effects**HMIS Ratings**

Health : 0, Flammability : 1, Physical Hazard : 0, Personal protection : E

Inhalation

May be harmful if inhaled. Causes respiratory tract irritation

Skin

May be harmful if absorbed through skin. Causes skin irritation.

Eyes

Causes eye irritation

Ingestion

Maybe harmful if swallowed

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
1,8-Cineol:			30 – 50 %
Linalool:			5 – 20 %
Methyleugenol			1 - 4%
Eugenol			0 – 2.5%

4. FIRST AID MEASURES**Eye contact**

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

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.

Inhalation

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

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 or is convulsing.

5. FIRE FIGHTING MEASURES**Suitable extinguishing media**

Carbon Dioxide, dry chemical or foam. Closed containers may build up pressure at elevated temperatures.

Special protective equipment and precautions for fire-fighters

Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving essential oils or chemicals.

Special hazards arising from the substance or its combustible products None identified.

Resulting gases

Carbon Monoxide, Carbon Dioxide.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Use of self-contained breathing apparatus is recommended for any major chemical spill. Refer also to section 8.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and materials for containment and cleaning up

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

7. HANDLING AND STORAGE

Precautions for safe 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.

Conditions for safe storage, including any incompatibilities

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. Make sure the material does not come into contact with substances listed as: "Materials to Avoid".

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure controls

These precautions are for room temperature handling. Use at elevated temperature or aerosol / spray applications may require additional precautions

Eyes

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. An eyewash fountain and / or safety shower should be available in the work area. Acceptable industrial hygiene practices should be maintained.

Skin

Using chemical resistant gloves is recommended. Using chemical resistant clothing is recommended.

Respiratory

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).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Pale yellow green to orange brown liquid.
Odor	:	Characteristic spicy, bay leaf odor.
Flash point	:	45 °C
Relative density	:	0.905 – 0.929
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.

Refractive index : 1.455 – 1.480

Optical rotation : -10° to -22°

10. STABILITY AND REACTIVITY

Reactivity

This material presents no significant reactivity hazard.

Chemical stability Chemically stable.

Possibility of hazardous reactions None known.

Conditions to avoid

Avoid sparks, flame and other heat sources.

Hazardous decomposition products

When heated to decomposition produces acid fumes and carbon monoxide smoke.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not available.

Carcinogenicity

None of the components of this material are listed as a carcinogen.

Chronic toxicity

May cause allergic reactions on skin.

Reproductive toxicity

No adverse effects on reproduction are known.

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.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water.

13. DISPOSAL CONSIDERATION

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

14. TRANSPORT INFORMATION

UN Number

1169

UN proper shipping name

Extracts, aromatic, liquid

Transport hazard class

3

Packing group

III

US DOT Shipping Description (Land) 1169

Proper shipping name

Extracts, aromatic, liquid

Class

3

Packaging group

III

IMO-IMDG Shipping Description (Sea) 1169

Proper shipping name

Extracts, aromatic, liquid

Class

3

Packaging group

III

IATA Shipping Description (Air)

1169

Proper shipping name

Extracts, aromatic, liquid

Class

3

Packaging group

III

15. REGULATORY INFORMATION**WHMIS Classification**

Not available.

HMIS (USA)

Health Hazard – 0; Fire Hazard –0; Reactivity – 0.

SARA 313 None.

California Proposition 65

This product does not contain chemical(s) listed per the Safe Drinking Water and Enforcement Act of 1986.

16. OTHER INFORMATION

Revision date : December 20, 2016