



NEWAY SINOPHC TECH. LIMITED

ADD:RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE.
Email:marketing01@newayphc.com; Phone:+86-021-50350029 <https://www.newayphc.com>

Safety Data Sheet (MSDS)

- Sweet Bay Oil

(According to GB/T 16483 and GB/T 17519; Adapts to GHS, IMDG, IATA Standards) **Product**

Name: Sweet Bay Oil (Laurus nobilis Oil) **Revision Date:** 26 FEB 2026

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product Identifiers

- Product Name: Sweet Bay Oil
- Synonyms: Bay Laurel Oil; Laurel Leaf Oil; *Laurus nobilis* Oil
- Product Number: SBO-20260226
- Brand: SIGALD
- CAS-No.: 8007-65-6
- MDL Number: MFCD00148158
- Main Component: 1,8-Cineole (CAS: 470-82-6, ≥40%)
- Molecular Weight: Variable (natural mixture)

1.2 Details of the Supplier

- Company: NEWAY SINOPHC TECH. LIMITED
- Address: RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE
- Telephone: +86-021-50350029
- Fax: +86-021-50350029

1.3 Emergency Telephone

- Emergency Phone #: +86-021-50350029 (CHEMTREC)

1.4 Uses

- **Identified Uses:** Fragrance & flavor industry; cosmetic formulation (soaps, detergents); aromatherapy; food additive (flavor); pharmaceutical excipient.
- **Uses Advised Against:** Undiluted direct skin contact; use in products for infants (0-3 years); use near open flame without precautions.

SECTION 2: Hazards Identification

2.1 GHS Classification

- Flammable Liquid, Category 4 (H227)
- Eye Irritation, Category 2 (H319)
- Skin Irritation, Category 2 (H315)
- Aquatic Acute Toxicity, Category 3 (H402)
- Aquatic Chronic Toxicity, Category 3 (H412)

2.2 GHS Label Elements

- **Pictograms:** (Exclamation Mark)
- **Signal Word:** Warning
- **Hazard Statements:**
 - H227: Combustible liquid
 - H315: Causes skin irritation
 - H319: Causes serious eye irritation
 - H402: Harmful to aquatic life
 - H412: Harmful to aquatic life with long-term effects
- **Precautionary Statements:** P210, P264, P273, P280, P302+P352, P305+P351+P338, P332+P313, P370+P378, P501

SECTION 3: Composition/Information on Ingredients

- **Mixture:** Steam-distilled essential oil from *Laurus nobilis* leaves.
- **Key Components:** 1,8-Cineole (40-50%), Linalool, Terpinyl acetate, Alpha-Pinene.



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Ingredient	CAS No.	Concentration	GHS Classification
1,8-Cineole	470-82-6	40.0-50.0%	H315, H319, H402, H412
Sweet Bay Oil (Mixture)	8007-65-6	100%	H227, H315, H319, H402, H412

SECTION 4: First Aid Measures

- **Inhalation:** Remove to fresh air. Rest. If symptoms persist, call a physician.
- **Skin Contact:** Wash immediately with plenty of soap and water for 10-15 minutes. Remove contaminated clothing. If irritation persists, get medical attention.
- **Eye Contact:** Rinse cautiously with water for 15-20 minutes. Remove contact lenses if present. Call a physician immediately.
- **Ingestion:** Rinse mouth with water. Do NOT induce vomiting. Call a poison center or physician immediately.

SECTION 5: Firefighting Measures

- **Suitable Media:** Dry chemical powder, CO₂, Foam.
- **Unsuitable Media:** Direct water jet (ineffective).
- **Special Hazards:** Combustion may produce carbon monoxide and irritating fumes. Vapors may travel to ignition sources.
- **Advice:** Wear self-contained breathing apparatus (SCBA) and full protective gear. Cool containers with water spray until well after fire is out.

SECTION 6: Accidental Release Measures

- **Personal Precautions:** Wear PPE. Eliminate all ignition sources. Ensure ventilation.
- **Environmental Precautions:** Prevent entry into sewers, water courses, or soil.
- **Clean-up:** Small spills: Absorb with sand or inert absorbent and dispose of in a sealed container. Large spills: Dike and pump into sealable drums.

SECTION 7: Handling and Storage

- **Handling:** Use in a well-ventilated area. Avoid contact with skin and eyes. Do not eat, drink or smoke while handling.
- **Storage:** Store in a cool, dark, well-ventilated area (10-25°C). Keep container tightly closed.
- **Incompatibilities:** Strong oxidizing agents, strong acids.
- **Shelf Life:** 24 months (unopened).

SECTION 8: Exposure Controls/Personal Protection

- **PPE:** Chemical safety goggles, nitrile gloves, lab coat.
- **Respiratory:** Organic vapor respirator if ventilation is inadequate.
- **Hygiene:** Provide emergency eye wash and safety shower. Wash hands thoroughly after handling.

SECTION 9: Physical and Chemical Properties

- **State:** Liquid
- **Color:** Colorless to pale yellow
- **Odor:** Aromatic, spicy, camphoraceous, herbaceous
- **Flash Point:** 76°C (Closed Cup)
- **Relative Density:** 0.915 - 0.935 (20/20°C)
- **Refractive Index:** 1.4580 - 1.4680 (20°C)
- **Solubility:** Soluble in ethanol, propylene glycol, fixed oils; Insoluble in water.
- **Viscosity:** Low to medium (10-20 mPa·s at 25°C)

SECTION 10: Stability and Reactivity

Stable under normal conditions. Oxidizes slowly on exposure to air and light, causing minor darkening. No hazardous polymerization expected.

SECTION 11: Toxicological Information



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- **Acute Toxicity:** LD₅₀ (Oral, Rat) > 5000 mg/kg; LD₅₀ (Dermal, Rabbit) > 5000 mg/kg.
- **Irritation:** Causes mild skin irritation and serious eye irritation.
- **Sensitization:** Low potential for skin sensitization (unlike some other essential oils).
- **Carcinogenicity:** IARC Group 3 (Not classifiable).

SECTION 12: Ecological Information

- **Toxicity:** Harmful to aquatic life (H402, H412).
- **Biodegradability:** Readily biodegradable (>70% in 28 days).
- **Bioaccumulation:** Low potential.

SECTION 13: Disposal Considerations

Dispose of contents and container as hazardous waste in accordance with local regulations. Incineration with flue gas treatment is recommended. Do not discharge into the environment.

SECTION 14: Transport Information

- **UN Number:** 1993
- **UN Proper Shipping Name:** Flammable liquids, n.o.s. (Sweet Bay Oil)
- **Class:** 3
- **Packing Group:** III
- **Marine Pollutant:** No

SECTION 15: Regulatory Information

- **EU:** REACH Registered. Compliant with EC 1223/2009 (Cosmetics) and Flavoring Regulations.
- **US:** TSCA Listed. FDA approved for food use (21 CFR).
- **China:** Compliant with GB 2760-2021 and Cosmetic Safety Technical Specification.

SECTION 16: Other Information

Revision Note: First Issue.**Disclaimer:** This MSDS is provided for informational purposes only. It is based on current knowledge and is subject to change.

纳维盈医化科技
NEWAY SINOPHC TECH