



SAFETY DATA SHEET

1. IDENTIFICATION

NAME OF PREPARATION OR SUBSTANCE:	Lavender oil
BOTANICAL NAME:	Lavandula angustifolia
CAS#:	8000-28-0
SUPPLIER NAME:	YellowBee Packaging and Supplies Inc.
SUPPLIER ADDRESS:	#106 2880 107 Ave SE
Calgary AB T2Z3R7 Canada	
TELEPHONE NUMBER:	(587) 352 3929
RECOMMENDED USE:	Domestic and Industrial

Section 2: Composition and Information on Ingredients

Composition:

Name CAS # % by Weight

Lavender oil 8000-28-0 100

Toxicological Data on Ingredients: Lavender oil: ORAL (LD50): Acute: 4250 mg/kg [Rat]. DERMAL (LD50): Acute: 5000 mg/kg [Rabbit].

Component	CAS-No.	Weight %	GHS Classification
Linalyl acetate	115-95-7	30 – 40%	Eye Irrit. 2A (H319) Flam. Liq. 4 (H227) Aquatic Acute 3 (H402) Skin Irrit. 2 (H315)
Linalool	78-70-6	30 – 40%	Acute Tox. Oral 5 (H303) Eye Irrit. 2A (H319) Flam. Liq. 4 (H227) Aquatic Acute 3 (H402) Skin Sens. 1B (H317)
			Skin Irrit. 2 (H315)
DI-Camphor	21368-68-3	5 – 10%	Acute Tox. Oral 4 (H302) Acute Tox. Inhalation – dust and mist 4 (H332) Flam. Sol. 2 (H228) Aquatic Acute 3. (H402) STOT SE Oral 2 (H371)
Terpinen-4-ol	562-74-3	1.0 – 5.0%	Skin Irrit. 2 (H315) Aquatic Acute 3 (H402) Eye Irrit. 2A (H319) Flam. Liq. 4 (H227) Acute Tox. Dermal 5 (H313) Acute Tox. Oral 4 (H302)



YELLOW BEE

Transforming products to value.

α -Pinene	80-56-8	0.1 – 1.0 %	Acute Tox. Oral 5 (H303) Skin Sens. 1B (H317) Skin Irrit. 2 (H315) Asp. Tox. 1 (H304) Flam. Liq. 3 (H226) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
β -Pinene	127-91-3	0.1 – 1.0%	Skin Sens. 1B (H317) Skin Irrit. 2 (H315) Asp. Tox. 1 (H304) Flam. Liq. 3 (H226) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)

Section 3: Hazards Identification

OSHA Hazard Classification

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2A
Skin Sensitization	Category 1B
Specific Target Organ Toxicity (Single Exposure)	Category 2
Aspiration Toxicity	Category 1
Flammable Liquids	Category 4

Label Elements

Signal Word: **DANGER**

Hazard Statements Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
May cause damage to organs
May be fatal if swallowed and enters airways
Combustible liquid



Precautionary Statement

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Contaminated work clothing should not be allowed out of the workplace
Do not breathe dust/fume/gas/mist/vapors/spray
Do not eat, drink or smoke when using this product
Keep away from heat/sparks/open flames/hot surfaces – no smoking

Precautionary Statements – Response

Specific treatment (see supplemental first aid instructions on this label) IF exposed



or if you feel unwell: Call a poison center or doctor/physician
IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing if eye irritation persists: Get medical advice/attention.
IF ON SKIN: wash with plenty of soap and water
Take off contaminated clothing and wash before reuse
If skin irritation or rash occurs: get medical advice/attention
IF SWALLOWED: immediately call a poison center or doctor/physician Do not induce vomiting
In case of fire: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements – Disposal

Dispose of contents/container to an approved waste disposal plant

Other Information

May be harmful if swallowed
Toxic to aquatic life with long lasting effects Toxic to aquatic life

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects: CARCINOGENIC

EFFECTS: Not available. MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL

TOXICITY: Not available.

Repeated or prolonged exposure is not known to aggravate medical condition.

Section 4: First Aid Measures

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Section 5: Fire and Explosion Data Flammability of

the Product:	Combustible. Auto-
Ignition Temperature:	Not available.
Flash Points:	CLOSED CUP: 71.111°C (160°F).
Flammable Limits:	Not available.
Products of Combustion:	Not available.
Suitable Extinguishing Media:	Dry chemical

Carbon dioxide Water Spray



Alcohol-resistant foam

Unsuitable Extinguishing Media: Decomposition by contact with water may generate vapours which can be ignited by heat or open flame

Fire Hazards in Presence of Various Substances:

Slightly flammable to flammable in presence of open flames and sparks, of heat.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards:

COMBUSTIBLE. When heated to decomposition it emits acrid smoke and irritating fumes.

Special Remarks on Explosion Hazards:

Not available

Section 6: Accidental Release Measures

Personal Precautions: Use personal protective equipment. Remove all source of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharge.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

Methods and Material for Containment and Cleaning Up:

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill: Combustible material. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: Handling and Storage

Precautions: Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Storage: Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).



Section 8: Exposure Controls/Personal Protection

Control Parameters Exposure Guidelines

Component	OSHA PEL (TWA)	ACGIH TLV (TWA)	ACGIH TLV (STEL)	California PEL (TWA)
DI-Camphor 21368-68-3	2 MGM3	2PPM	3PPM	2 MGM3
α -Pinene 80-56-6	-	20PPM	-	-
B-Pinene 127-91-3	-	20PPM	-	-
Carene-3 13466-78-9	-	20PPM	-	-

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection: Safety glasses. Lab coat.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Hygiene Consideration: When using, do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Odor of lavender flowers

Color: Colorless to light yellow.

Boiling Point (°C): > 35

Flash Point (°C): 74°C / 166°F

Specific Gravity (20/20 °C): 0.8927 – 0.927 (Water = 1)

Solubility: Insoluble in cold water, hot water.

Section 10: Stability and Reactivity Data

Stability: The product is stable under normal conditions.

Reactivity: No dangerous reaction known under conditions of normal use. Keep away from oxidizing agents and strong acidic and alkaline materials.

Conditions to Avoid: Heating in air.

Incompatibility: Strong oxidizing agents.

Polymerization: Will not occur.



Section 11: Toxicological Information

Routes of Entry:

Absorbed through skin. Eye contact.

Toxicity to Animals:

Acute oral toxicity (LD50): 4250 mg/kg [Rat]. Acute dermal toxicity (LD50): 5000 mg/kg [Rabbit].

Other Toxic Effects on Humans:

Slightly hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin: May cause skin irritation. Irritation is expected to be mild. Eyes: May cause eye irritation.

Inhalation: May cause respiratory tract irritation. Ingestion: Low hazard for usual industrial handling.

Chronic Potential Health Effects:

Skin: Prolonged or repeated skin contact may cause allergic dermatitis.

Section 12: Ecological Information

Ecotoxicity: Not available. **BOD5**

and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Section 13: Disposal Considerations

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Contaminated Packaging: Empty containers should be taken for local recycling, recovery or waste disposal.

Section 14: Transport Information

DOT: Not regulated

IMGD/IMO:

UN/ID No.: 3082

Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s (3-cyclohexene-1-methanol, a,a,4-trimethyl AND cyclohexene, 1-methyl-4-(1-methylethenyl)-,(r))

Hazard Class: 9

Packing Group: III

IATA/ICAO:



EmS No.: F-A, S-F

UN No.: 3082

Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s (3-cyclohexene-1-methanol, a,a,4-trimethyl AND cyclohexene, 1-methyl-4-(1-methylethenyl)-,(r))

Hazard Class: 9

Packing Group: III

Section 15: Other Regulatory Information

Federal and State Regulations:

TSCA 8(b) inventory: Lavender oil

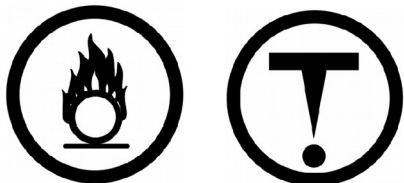
Other Regulations:

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):

CLASS B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).



DSCL (EEC):

This product is not classified according to the EU regulations. Not applicable.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 2

Reactivity: 0

Personal Protection: a

National Fire Protection Association (U.S.A.):Health: 1

Flammability: 2

Reactivity: 0

Specific hazard:

Protective Equipment: Not applicable.

Lab coat.

Wear appropriate respirator when ventilation is inadequate. Safety glasses.



Section 16: Other Information

The information provided above is intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Although YellowBee Packaging and Supplies Inc. believes the above information to be accurate based on the information available to YellowBee, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from YellowBee meets their quality requirements and is appropriate for the use to which the product is to be put. Use and purchase of this material is subject to YellowBee Packaging and Supplies Inc. standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.

As the use(s) of this product is outside the control YellowBee Packaging and Supplies Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of YellowBee Packaging and Supplies Inc. is limited to the value of the goods and does not include any consequential loss. YellowBee Packaging and Supplies Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. YellowBee Packaging and Supplies Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agree that Jurisdiction is limited to the province of Alberta.