

## Lavender Essential Oil

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /  
March 26, 2012 / Rules and Regulation

Revision Date: 30-Jul-2025  
Supersedes: 25-Aug-2017

### 1 PRODUCT & COMPANY IDENTIFICATION

**Product Name:** Lavender Essential Oil  
**Synonyms:** No data available  
**INCI Name:** Lavandula Officinalis Flower Oil  
**CAS Number:** 84776-65-8, 115-95-7, 78-70-6, 138-86-3  
**Formula:** No data available  
**Product Form:** Liquid  
**Product Use:** Cosmetic use

**Distributor:** MakingCosmetics Inc.  
**Address:** 10800 231<sup>st</sup> Way NE  
Redmond, WA 98053 (USA)  
**Phone / Fax:** 425-292-9502 / 425-292-9601  
**Web:** [www.makingcosmetics.com](http://www.makingcosmetics.com)

**Emergency Telephone Number:** 1-800-424-9300 (Chemtrec)

### 2 HAZARDS IDENTIFICATION

**Classification:** Acute Toxicity 2  
Skin Irritation 2  
Eye Irritation 2  
Danger to Aquatic Environment - Chronic Danger 4.

**Signal Word:**

**CAUTION!**

**Hazard Pictograms:**



**Hazard Statements:** H302: Harmful if swallowed.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H413: May cause long lasting harmful effects to aquatic life.

**Precautionary Statements:** P102: Keep out of reach of children.  
P273: Avoid release into the environment.  
P301 + P330: IF SWALLOWED: Rise mouth.  
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P333 + P313: If skin irritation or rash occurs: Get medical advice/attention.

**Potential Health Hazards:** Eyes: Irritating to eyes.  
Inhalation: May be a respiratory irritant.  
Skin: May cause skin irritation in susceptible persons.  
Ingestion: May cause irritation.

**NFPA Ratings (704):**

Health	N/A	N/A
Flammability	N/A	N/A
Reactivity	N/A	N/A
Specific Hazard	N/A	

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Lavandula Officinalis Flower Oil	84776-65-8	Not Available	Not Available
Linalyl Acetate	115-95-7	Not Available	Not Available
Linalool	78-70-6	Not Available	Not Available
Limonene	138-86-3	Not Available	Not Available

### 4 FIRST AID MEASURES

**Eyes:** In case of eye contact, rinse with plenty of water for at least 15 minutes. Be sure to rinse under eyelids as well.

<b>Inhalation:</b>	Seek medical attention if necessary. If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
<b>Skin:</b>	Flush with plenty of water and wash using soap. Get medical attention if irritation or redness occurs.
<b>Ingestion:</b>	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If affected individual is conscious, rinse mouth with drinking water. If large amounts swallowed or symptoms develop, get medical attention if necessary.

## 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.
<b>Special protective equipment &amp; precautions for firefighters:</b>	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
<b>Flash Points:</b>	>158°F (>70°C)
<b>Specific hazards arising from the chemical:</b>	Carbon monoxide, carbon dioxide. See also Stability and Reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment &amp; emergency procedures:</b>	Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
<b>Environmental precautions:</b>	Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.
<b>Methods and material for containment and cleaning up:</b>	Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

## 7 HANDLING & STORAGE

<b>Precautions for safe handling:</b>	See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
<b>Conditions for safe storage, incl. any incompatibilities:</b>	Store in cool, dry well-ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Lavender Essential Oil	Not available		

TWA: Time Weighted Average over 8 hours of work.  
TLV: Threshold Limit Value over 8 hours of work.  
REL: Recommended Exposure Limit  
PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.  
IDLH: Immediately Dangerous to Life or Health  
WEEL: Workplace Environmental Exposure Levels  
CEIL: Ceiling

### Personal Protection:

<b>Eyes:</b>	Eye protection such as safety goggles or glasses should be worn while using.
<b>Inhalation:</b>	In case of insufficient ventilation, use suitable respiratory protective equipment. Recommended filter type: P
<b>Body:</b>	Wear impermeable gloves. Wear appropriate protective clothing.
<b>Other:</b>	Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Liquid	<b>Vapor Pressure:</b>	No data available
<b>Odor:</b>	Floral, characteristic	<b>Vapor Density:</b>	No data available
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	No data available
<b>Color:</b>	Light yellow	<b>Flammability:</b>	No data available
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	No data available

<b>pH:</b>	No data available	<b>Flash Point:</b>	>158°F (>70°C)
<b>Boiling Point:</b>	No data available	<b>Specific Gravity:</b>	No data available
<b>Melting/Freezing Point:</b>	No data available	<b>Water Solubility:</b>	Insoluble
<b>Relative Density:</b>	0.8790-0.8880	<b>Auto-Ignition Temperature:</b>	No data available
<b>Partition Coefficient: n-octanol/water:</b>	No data available	<b>Decomposition Temperature:</b>	No data available
<b>Viscosity:</b>	No data available	<b>Explosive Properties:</b>	No data available
<b>Oxidizing Properties:</b>	No data available	<b>Refractive Index:</b>	1.4590-1.4630
<b>Ester Number:</b>	110-150	<b>Acid Number:</b>	To 1.0
<b>Angle of Rotation:</b>	-6.8 to -10.0		

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	Stable under recommended storage conditions.
<b>Chemical Stability:</b>	Stable under normal conditions.
<b>Hazardous Polymerization:</b>	No data available.
<b>Conditions to Avoid:</b>	Strong heat.
<b>Incompatible Materials:</b>	Acids, alkalis.
<b>Hazardous Decomposition Products:</b>	No data available.
<b>Possible Hazardous Reactions:</b>	No data available.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	No data available.
<b>Skin:</b>	LD50: 5.040 mg/kg. May cause skin irritation in susceptible persons.
<b>Eyes:</b>	Irritating to eyes.
<b>Inhalation:</b>	No data available.
<b>Ingestion:</b>	LD50: 5.40 mg/kg. LD50: 6730 mg/kg.
<b>Carcinogenicity:</b>	No data available.
<b>Teratogenicity:</b>	No data available.
<b>Germ Cell Mutagenicity:</b>	No data available.
<b>Embryotoxicity:</b>	No data available.
<b>Specific Target Organ Toxicity:</b>	No data available.
<b>Reproductive Toxicity:</b>	No data available.
<b>Sensitization:</b>	No data available.
<b>Corrosivity:</b>	No data available.

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	No data available.
<b>Aquatic Vertebrate:</b>	(Pasteur) LC50: 440-760 mg/L, 96 hours.
<b>Aquatic Invertebrate:</b>	(Daphnia magna) EC50: ~120 mg/L, 72 hours. (Scenedesmus quadricauda (green algae)) ECO: 640 mg/L, 168 hours. (Pseudomonas putida) ECO: >10,000 mg/L.
<b>Terrestrial:</b>	No data available.
<b>Persistence and Degradability:</b>	No data available.
<b>Bioaccumulative Potential:</b>	Fully soluble. Does not accumulate in a biological environment.
<b>Mobility in Soil:</b>	Mobile in an aquatic environment.
<b>PBT and vPvB Assessment:</b>	This product does not contain substances that are considered to be highly persistent or vPvB accumulative. This product does not contain substances that are considered persistent, accumulative or toxic PBT.
<b>Other Adverse Effects:</b>	No data available.

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	Users should review their operations in terms of the applicable federal/national or local regulations and
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**Product Containers:** consult with appropriate regulatory agencies, if necessary, before disposing of waste product.  
Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

## 14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	No data available.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	Not regulated as a dangerous good.
IATA (International Air Transport Association):	Not regulated as a dangerous good.
ICAO (International Civil Aviation Organization):	Not regulated as a dangerous good.

## 15 REGULATORY INFORMATION

TSCA Inventory Status:	No data available.
Canada (DSL):	No data available.
EU (EINECS):	No data available.
China (IECSC):	No data available.
Australia (AICS):	No data available.
Japan (ENCS):	No data available.
Philippines (PICCS):	No data available.
Korea (KECI):	No data available.
New Zealand (NZIoC):	No data available.

## 16 OTHER INFORMATION

**Revision Date:** 30-Jul-2025

**Compliance:** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

**Disclaimer:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.