



Safety Data Sheet
OSHA 29 CFR 1910.1200

Trade Name: Lavender Essential Oil

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SDS REPORT

GUANGZHOU BAIYUN LONG GUI OU LAN COSMETIC FACTORY
TANG DITIAN INDUSTRIAL PARK, FIFTH ECONOMIC COOPERATIVES, JUN HE JIE PING SHA
TOWN, BAI YUN DISTRICT, GUANGZHOU CITY, GUANGDONG PROVINCE, CHINA.

SDS Report No. : SDS201707163
Compilation Date : Jul.16, 2017
Sample Name : Lavender Essential Oil
Composition/Ingredient of The Sample : See Section 3 on the SDS
Service Requested : Safety Data Sheet (SDS) for the sample with submitted composition.
Summary : As per request, the contents and formats of the SDS are prepared in according with US Regulations Relating to Labor 29 CFR 1910.1200(g), and is provided per attached.



Signed for and on behalf of
Technical Center:

1 Identification

- **Product identifier**
- **Trade name:** *Lavender Essential Oil*
- **Recommended use of the chemical and restrictions on use**
- **Application of the substance/ mixture:** *Fragrance*

- **Details of the supplier of the safety data sheet**

- **Manufacturer/Supplier:**

GUANGZHOU BAIYUN LONG GUI OU LAN COSMETIC FACTORY
TANG DITIAN INDUSTRIAL PARK, FIFTH ECONOMIC COOPERATIVES, JUN HE JIE PING SHA TOWN, BAI YUN
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- **Further information obtainable from:** *GUANGZHOU BAIYUN LONG GUI OU LAN COSMETIC FACTORY*

- **Emergency telephone number**

Benzhi Tan

Tel: + 86 13802410909

2 Hazard(s) identification

- **Classification of the substance or mixture:**

Flam. Liq. 4 H227 Combustible liquid



GHS07 Exclamation mark

Skin Irrit.2 H315 Causes skin irritation

Skin Sens. 1B H317 May cause an allergic skin reaction

Eye Irrit. 2A H319 Causes serious eye irritation

- **Information concerning particular hazards for human and environment:**

The product has to be labeled due to the calculation procedure of OSHA Hazard Communication Standard (29 CFR 1910.1200).

- **Classification system:**

The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200) and extended by company and literature data.

- **Label elements**

- **Labeling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**

- **Hazard pictograms:**



GHS07

- **Signal word:** *Warning*

- **Hazard statements:**

H227	Combustible liquid
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

• Precautionary statement:

Keep away from flames and hot surfaces. – No smoking.

In case of fire: Use CO₂, powder, water spray or alcohol resistant foam to extinguish.

Wash hands and face thoroughly after handling.

Wear protective gloves/eye protection/face protection.

Avoid breathing gas/vapors/spray.

Contaminated work clothing must not be allowed out of the workplace.

If on skin: Wash with plenty of water.

If skin irritation or rash occurs: Get medical advice/attention.

F 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.

Specific treatment see label first aid measure.

Take off contaminated clothing and wash it before reuse.

Store in a well-ventilated place. Keep cool.

Dispose of contents/container in accordance with local/regional/national/international regulation.

• Hazards not otherwise classified (HNOC): No further relevant information available.

3 Composition/information on ingredients

• Chemical characterization: Mixture

• Description:

Mixture of the substances listed below with nonhazardous additions; For the wording of the listed risk phrases refer to section 16.

• Components:		
CAS No.	Composition Name	Weight by %
115-95-7	Linalyl acetate ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Flam. Liq. 4, H227	46.16
78-70-6	Linalool ⚠ Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Irrit. 2A, H319; Flam. Liq. 4, H227	29.24
25905-14-0	4-Hexen-1-ol, 5-methyl-2-(1-methylethenyl)-, 1-acetate	10.86
498-16-8	Lavandulol	5.44
98-55-5	alpha-Terpineol ⚠ Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Irrit. 2A, H319	5.03
20283-92-5	Rosmarinic acid ⚠ Acute Tox. 3, H301	1.16
13877-91-3	beta-Ocimene ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304	0.77
87-44-5	Caryophyllene ⚠ Asp. Tox. 1, H304;	0.52
21368-68-3	Camphor ⚠ Flam. Sol. 2, H228; ⚠ STOT SE 2, H371; ⚠ Acute Tox. 4, H332	0.47

5373-11-5	Luteolin-7-glucoside	0.14
491-70-3	Luteolin ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	0.11
562-74-3	4-Terpineol	0.10

4 First aid measures

• Description of first aid measures

After inhalation: Supply with fresh air. Call a POISON CENTER or doctor/physician if you feel unwell.

After skin contact: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.

After eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

After swallowing: Rinse out mouth with water. Call a POISON CENTER or doctor/physician if feel unwell.

• Information for doctor

• **Most important symptoms and effects, both acute and delayed:** May cause an allergic skin reaction, skin irritation and eyes irritation.

• **Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

5 Fire-fighting measures

• **Suitable extinguishing agents:** CO₂, powder or water spray. Fight larger fires with alcohol resistant foam. Do not use water with full jet.

• **Special hazards arising from the substance or mixture:** Produce aspiration toxicity gas/vapor under fire.

• **Special protective equipment and precaution for firefighters**

Protective equipment: Wear fully protective suit; Wear self-contained respiratory protective device.

6 Accidental release measures

• Personal precautions, protective equipment and emergency procedures:

Collect the leakage timely if safe do it; Keep unprotected person away; Use respiratory protective device against the effects of gas/vapors/spray; Prevent to contact with skin and eyes; Wear protective gloves/eye protection/face protection.

• Environmental precautions:

Do not allow the product to enter sewers/surface or ground water.

Inform respective authorities in case of seepage into water course or sewages system.

• Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust); Do not flush with water or aqueous cleansing agents; Dispose contaminated material as waster according to item 13.

7 Handling and storage

• Handling

• Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace; Use only outdoors or in a well-ventilated area; Prevent formation of gas/vapours/spray; Use respiratory protective device against the effects of gas/vapours/spray; Wear protective gloves/protective clothing/eye protection/face protection; Prevent to contact with eyes and skin.

• **Information about fire and explosion protection:** Keep away from heat/sparks/open flames/hot surfaces. -No smoking.

• **Conditions for safe storage, including any incompatibilities**

• **Requirements to be met by storerooms and receptacles:** Store locked up; Store in a cool, dry and well-ventilation location.

- **Information about storage in one common storage facility:** Keep away from foodstuff and flammable substance.
- **Further information about storage conditions:** Store in cool, dry conditions in well-ventilation condition.

8 Exposure controls/personal protection

- **Components with limit values that require monitoring at the workplace:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Based on the composition shown in section 3, the following measures are suggested for occupational safety measure:**
- **Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice; Wash hands and face thoroughly after handling; See section 7 for information about design of technical facilities.

- **Personal protective equipment:**
- **Breathing equipment:** Suitable respiratory protective device recommended.
- **Protection of hands:**



Protective gloves

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.11mm; breakthrough times up to 480 minutes).

- **Eye protection:**



Safety glasses

Protective goggles with side-shields.

Body protection: Neoprene™ apron. Rubber boots.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **Appearance:**

Form	Liquid
Color	Transparent, light yellow
Odor	Lavender
Odor threshold	Data not available
pH-value	Data not available
Change in condition	
Melting point/melting range	Data not available
Boiling point and boiling range	Data not available
Freezing point	Data not available
Flash point:	82°C
Flammability (solid, gas)	Not applicable
Decomposition temperature	Data not available
Self-ignition	Product is not self-ignition.
Danger of explosion	Product does not present explosive hazard.
Explosion limits	
Lower:	Data not available

Upper:	Data not available
• Oxidizing properties	Data not available
• Vapor pressure	Data not available
• Density	Data not available
• Relative density	Data not available
• Vapor density	Data not available
• Evaporation rate	Data not available
• Solubility in/Miscibility with	
Water	Data not available
• Partition coefficient (n-octanol/water)	Data not available
• Viscosity	
Dynamic	Data not available
Kinematic	Data not available
• Other information	Data not available

10 Stability and reactivity

- **Reactivity:** No decomposition if used according to specification.
- **Chemical stability:** Stable under recommended storage conditions.
- **Possibility of hazardous reactions:** No further relevant information available.
- **Conditions to avoid:** Open flames/hot surfaces.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No further relevant information available.

11 Toxicological information

- **Acute toxicity:** Not toxic mixture.
- **LD/LC50 values that are relevant for classification:**

115-95-7 Linalyl acetate		
Rat	LD50-oral	13934mg/kg
Mouse	LD50-oral	12000mg/kg
78-70-6 Linalool		
Rabbit	LD50-skin	5610mg/kg
Rat	LD50-oral	2790mg /kg
	LD50-skin	5610mg/kg
Mouse	LD50-oral	3000mg/kg
498-16-8 Lavandulol		
Guinea pig	LD50-skin	> 5000 mg/kg
98-55-5 alpha-Terpineol		
Rat	LD50-oral	5170mg/kg
Mouse	LD50-oral	2830mg/kg
21368-68-3 Camphor		
Mouse	LD50-oral	1310mg/kg
562-74-3 4-Terpineol		
Mouse	LD50-oral	1016mg/kg
Rabbit	LD50-skin	> 2500mg/kg

Rat	LD50-oral	1300mg/kg
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- **Primary irritant effect**
- **Skin corrosion/irritation:** Irritant to skin.
- **Serious eyes damage/ irritation:** Irritant to eyes.
- **Sensitization:** Sensitization to skin.

Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant; sensitive.

- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer):** None of the ingredients is listed.
- **NTP (National Toxicology Program):** None of the ingredients is listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** Not toxic to aquatic organism.
- **Persistence and degradability:** Readily biodegradation.
- **Bio-accumulative potential:** Data not available.
- **Mobility in soil:** Data not available.
- **Additional ecological information**
- **Other adverse effects:** No further relevant information available.

13 Disposal consideration

- **Waste treatment methods**
- **Recommendation:** Must not be disposed together with household garbage.
- **Un-cleaned packaging**
- **Recommendation:** Dispose of contents/container in according to the local/regional/national/ international regulation.

14 Transport information

• UN-Number DOT, IMDG, IATA	Non-hazardous for Transport, not applicable
• UN proper shipping name DOT, IMDG, IATA	Not applicable
• Transport hazard class (es) DOT, IMDG, IATA Class Label	Not applicable Not applicable
• Packing group DOT, IMDG, IATA	Not applicable
• Environmental hazardous Marine pollution	No
• Special precautions for user	Not applicable
• Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**
- **Section 355 (extremely hazardous substances):** None of the ingredients is listed.
- **Section 313 (Specific toxic chemical listings):** None of the ingredients is listed.
- **TSCA (Toxic Substances Control Act):** All the ingredients are listed.
- **Proposition 65**
 - **Chemicals known to cause cancer:** None of the ingredients is listed.
 - **Chemicals known to cause reproductive toxicity for females:** None of the ingredients is listed.
 - **Chemicals known to cause reproductive toxicity for males:** None of the ingredients is listed.
- **EPA (Environmental Protection Agency):** None of the ingredients is listed.
- **TLV (Threshold Limit Value established by ACGIH):** None of the ingredients is listed.
- **NIOSH-Ca (National Institute for Occupational Safety and Health):** None of the ingredients is listed.
- **OSHA-Ca (Occupational Safety & Health Administration):** None of the ingredients is listed.
- **National regulations**
- **Water hazard class: Water hazard class 1 (German Regulation) (self-assessment):** Slightly hazardous for water.

16 Other information

Relevant phrases:

H226 Flammable liquid and vapour
H228 Flammable Solid
H301 Toxic if swallowed
H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H332 Harmful if inhaled
H335 May cause respiratory irritation
H371 May cause damage to organs

The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

DISCLAIMER OF LIABILITY:

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

• Abbreviations and acronyms:

• **DOT:** Department of Transportation
• **IMDG:** International Maritime Code for Dangerous Goods.
• **IATA:** International Air Transport Association
• **LD50:** Lethal dose, 50 percent
• **LC50:** Lethal concentration, 50 percent

Flam. Liq. 3: Flammable liquids, hazard category 3

Flam. Sol. 2: Flammable solid, hazard category 2

Acute Tox. 3: Acute toxicity, hazard category 3

Skin Irrit. 2: Skin corrosion/irritation, hazard category 2

Skin Sens. 1B: Respiratory or skin sensitisation, hazard category 1B

Eye Irrit. 2A: Eye damage/irritation, hazard category 2A

Asp. Tox. 1: Aspiration toxicity, hazard category 1

STOT SE 2: Specific target organ toxicity after single exposure, hazard category 2

STOT SE 3: Specific target organ toxicity after single exposure, hazard category 3

End of safety data sheet