

# Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Revision: October 01, 2019


## 1 Identification

- **Product identifier**
- **Trade name:** Organic Lavender Essential Oil Roll-On
- **Product code:** 7905
- **Recommended use and restriction on use**
- **Recommended use:** Personal care product.
- **Restrictions on use:** No relevant information available.
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**  
NOW Health Group  
395 S. Glen Ellyn Road  
Bloomingdale, IL 60108  
630-545-9098
- **Emergency telephone number:**  
ChemTel Inc.  
(800)255-3924 (North America)  
+1 (813)248-0585 (International)

## 2 Hazard(s) identification

- **Classification of the substance or mixture**  
Skin Sens. 1 H317 May cause an allergic skin reaction.

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- **Label elements**
- **GHS label elements**  
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms:**  
  
GHS07
- **Signal word:** Warning
- **Hazard statements:**  
H317 May cause an allergic skin reaction.
- **Precautionary statements:**  
P261 Avoid breathing mist, vapors, or spray.  
P272 Contaminated work clothing must not be allowed out of the workplace.  
P280 Wear protective gloves.  
P302+P352 If on skin: Wash with plenty of soap and water.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P363 Wash contaminated clothing before reuse.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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- **Other hazards** There are no other hazards not otherwise classified that have been identified.

## 3 Composition/information on ingredients

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· **Chemical characterization: Mixtures**

· **Components:**

78-70-6	Linalool ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1B, H317 Flam. Liq. 4, H227	<3%
115-95-7	Linalyl acetate ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1B, H317 Flam. Liq. 4, H227	<3%
76-22-2	bornan-2-one ⚠ Flam. Sol. 2, H228 ⚠ STOT SE 2, H371 ⚠ Eye Dam. 1, H318 ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Sens. 1, H317 Combustible Dust	<1%
87-44-5	beta-Caryophyllene ⚠ Asp. Tox. 1, H304 ⚠ Skin Sens. 1B, H317	<1%
80-56-8	alpha-Pinene ⚠ Flam. Liq. 3, H226 ⚠ Asp. Tox. 1, H304 ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317	<1%
91-64-5	Coumarin ⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331 ⚠ Skin Sens. 1, H317	<1%
105-87-3	Geranyl acetate ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	<1%
106-24-1	Geraniol ⚠ Eye Dam. 1, H318 ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	<1%
470-82-6	Eucalyptol ⚠ Flam. Liq. 3, H226 ⚠ Skin Sens. 1B, H317	<1%
2442-10-6	1-Octen-3-yl acetate ⚠ Acute Tox. 3, H301 ⚠ Skin Sens. 1, H317 Flam. Liq. 4, H227	<1%
5989-27-5	d-limonene ⚠ Flam. Liq. 3, H226 ⚠ Asp. Tox. 1, H304 ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	<1%

· **Additional information:**

For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.  
 For the wording of the listed Hazard Statements, refer to section 16.

### 4 First-aid measures

· **Description of first aid measures**

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- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Product is manufactured for topical use. If irritation occurs, discontinue use and wash affected area with soap and water.  
If skin irritation or rash occurs: Get medical advice/attention.
- **After eye contact:**  
Remove contact lenses if worn.  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**  
Rinse out mouth and then drink plenty of water.  
Do not induce vomiting; immediately call for medical help.
- **Most important symptoms and effects, both acute and delayed:**  
Allergic reactions  
Gastric or intestinal disorders when ingested.
- **Indication of any immediate medical attention and special treatment needed:**  
Treat skin and mucous membrane with antihistamine and corticoid preparations.  
Contains Eucalyptol, alpha-Pinene, d-limonene, Geranyl acetate, 1-Octen-3-yl acetate, Coumarin, Geraniol. May produce an allergic reaction.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
Foam  
Carbon dioxide  
Fire-extinguishing powder  
Gaseous extinguishing agents  
Water fog / haze
- **For safety reasons unsuitable extinguishing agents:** Water stream.
- **Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.  
Ensure adequate ventilation.  
Particular danger of slipping on leaked/spilled product.
- **Environmental precautions**  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Methods and material for containment and cleaning up**  
Wipe up small spills with paper towel and discard.  
For larger spills, add sawdust, chalk or other inert binding material, then sweep up and discard.

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· **Reference to other sections**

See Section 7 for information on safe handling.  
 See Section 8 for information on personal protection equipment.  
 See Section 13 for disposal information.

## 7 Handling and storage

· **Handling**

· **Precautions for safe handling:** Keep out of reach of children.

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

· **Requirements to be met by storerooms and receptacles:** Avoid storage near extreme heat.

· **Information about storage in one common storage facility:**

Store away from foodstuffs.  
 Store away from oxidizing agents.

· **Further information about storage conditions:** Keep containers tightly sealed.

· **Specific end use(s)** No relevant information available.

## 8 Exposure controls/personal protection

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

**76-22-2 bornan-2-one**

PEL (USA)	Long-term value: 2 mg/m <sup>3</sup>
REL (USA)	Long-term value: 2 mg/m <sup>3</sup>
TLV (USA)	Short-term value: 19 mg/m <sup>3</sup> , 3 ppm Long-term value: 12 mg/m <sup>3</sup> , 2 ppm
EL (Canada)	Short-term value: 3 ppm Long-term value: 2 ppm
EV (Canada)	Short-term value: 19 mg/m <sup>3</sup> , 3 ppm Long-term value: 12 mg/m <sup>3</sup> , 2 ppm
LMPE (Mexico)	Short-term value: 3 ppm Long-term value: 2 ppm
	A4

**80-56-8 alpha-Pinene**

TLV (USA)	Long-term value: 112 mg/m <sup>3</sup> , 20 ppm DSEN
EL (Canada)	Long-term value: 20 ppm S(D)
EV (Canada)	Long-term value: 20 ppm
LMPE (Mexico)	Long-term value: 20 ppm A4, SEN

· **Exposure controls**

· **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

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- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing.
- Wash hands before breaks and at the end of work.
- Avoid contact with the eyes.
- Avoid close or long term contact with the skin.
- **Engineering controls:** Provide adequate ventilation.
- **Breathing equipment:** Not required under normal conditions of use.
- **Protection of hands:** Wear protective gloves to handle contents of damaged or leaking units.
- **Material of gloves**
  - Nitrile rubber, NBR
  - Butyl rubber, BR
  - Neoprene gloves
  - Natural rubber, NR
- **Eye protection:** Follow relevant national guidelines concerning the use of protective eyewear.
- **Body protection:** Protection may be required for spills.
- **Limitation and supervision of exposure into the environment**
  - No relevant information available.
- **Risk management measures** No relevant information available.

## 9 Physical and chemical properties

### · Information on basic physical and chemical properties

#### · Appearance:

· **Form:** Liquid

· **Color:** According to product specification

· **Odor:** Pleasant

· **Odor threshold:** Not determined.

· **pH-value:** Not determined.

· **Melting point/Melting range:** Not determined.

· **Boiling point/Boiling range:** >100 °C (>212 °F)

· **Flash point:** >94 °C (>201.2 °F)  
The product is not flammable.

· **Flammability (solid, gaseous):** Not applicable.

· **Auto-ignition temperature:** Not determined.

· **Decomposition temperature:** Not determined.

· **Danger of explosion:** Product does not present an explosion hazard.

#### · Explosion limits

· **Lower:** Not determined.

· **Upper:** Not determined.

· **Oxidizing properties:** Non-oxidizing.

· **Vapor pressure:** Not determined.

#### · Density:

· **Relative density:** Not determined.

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**Vapor density:** Not determined.  
**Evaporation rate:** Not determined.

· **Solubility in / Miscibility with Water:** Not miscible or difficult to mix.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity**  
**Dynamic:** Not determined.  
**Kinematic:** Not determined.  
 · **Other information** No relevant information available.

## 10 Stability and reactivity

- **Reactivity:** No relevant information available.
- **Chemical stability:** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**  
 No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions**  
 Reacts with strong oxidizing agents.  
 Toxic fumes may be released if heated above the decomposition point.
- **Conditions to avoid** No relevant information available.
- **Incompatible materials** Oxidizing agents.
- **Hazardous decomposition products**  
 Under fire conditions only:  
 Carbon monoxide and carbon dioxide

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.

· **LD/LC50 values that are relevant for classification:**

### 91-64-5 Coumarin

Oral	LD50	293 mg/kg (rat)
Dermal	LD50	293 mg/kg (rat)

### 5989-27-5 d-limonene

Oral	LD50	>2000 mg/kg (rat, female)
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- **Primary irritant effect:**
- **On the skin:** Based on available data, the classification criteria are not met.
- **On the eye:** Based on available data, the classification criteria are not met.
- **Sensitization:** Sensitization possible through skin contact.

· **IARC (International Agency for Research on Cancer):**

None of the ingredients are listed.

· **NTP (National Toxicology Program):**

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None of the ingredients are listed.

· **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

· **Probable route(s) of exposure:**

- Ingestion.
- Inhalation.
- Eye contact.
- Skin contact.

- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

## 12 Ecological information

· **Toxicity**

· **Aquatic toxicity**

**91-64-5 Coumarin**

LC50	2.94 mg/l (pimephales promelas)
EC50	1.452 mg/l (Pseudokirchneriella subcapitata)
	30.6 mg/l (daphnia)

**5989-27-5 d-limonene**

LC50	<1 mg/l (pimephales promelas)
EC50	0.307 mg/l (daphnia)

- **Persistence and degradability** No relevant information available.
- **Bioaccumulative potential:** No relevant information available.
- **Mobility in soil:** No relevant information available.
- **Additional ecological information**
- **General notes:**  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Other adverse effects** No relevant information available.

## 13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:**

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

· **Uncleaned packagings**

- **Recommendation:** Disposal must be made according to official regulations.

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<b>14 Transport information</b>	
<ul style="list-style-type: none"> <li>· <b>UN-Number</b></li> <li>· DOT, ADR/RID/ADN, IMDG, IATA</li> </ul>	Not regulated.
<ul style="list-style-type: none"> <li>· <b>UN proper shipping name</b></li> <li>· DOT, ADR/RID/ADN, IMDG, IATA</li> </ul>	Not regulated.
<ul style="list-style-type: none"> <li>· <b>Transport hazard class(es)</b></li> <li>· DOT, ADR/RID/ADN, IMDG, IATA</li> <li>· Class</li> </ul>	Not regulated.
<ul style="list-style-type: none"> <li>· <b>Packing group</b></li> <li>· DOT, ADR/RID/ADN, IMDG, IATA</li> </ul>	Not regulated.
<ul style="list-style-type: none"> <li>· <b>Environmental hazards</b></li> <li>· Marine pollutant:</li> </ul>	No
<ul style="list-style-type: none"> <li>· <b>Special precautions for user</b></li> </ul>	Not applicable.
<ul style="list-style-type: none"> <li>· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b></li> </ul>	Not applicable.

<b>15 Regulatory information</b>
<ul style="list-style-type: none"> <li>· <b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b></li> <li>· United States (USA)</li> <li>· SARA</li> </ul>
<ul style="list-style-type: none"> <li>· <b>Section 302 (extremely hazardous substances):</b></li> </ul>
None of the ingredients are listed.
<ul style="list-style-type: none"> <li>· <b>Section 355 (extremely hazardous substances):</b></li> </ul>
None of the ingredients are listed.
<ul style="list-style-type: none"> <li>· <b>Section 313 (Specific toxic chemical listings):</b></li> </ul>
None of the ingredients are listed.
<ul style="list-style-type: none"> <li>· <b>TSCA (Toxic Substances Control Act)</b></li> </ul>
All ingredients are listed or exempt.
<ul style="list-style-type: none"> <li>· <b>Proposition 65 (California)</b></li> </ul>
<ul style="list-style-type: none"> <li>· <b>Chemicals known to cause cancer:</b></li> </ul>
None of the ingredients are listed.
<ul style="list-style-type: none"> <li>· <b>Chemicals known to cause developmental toxicity for females:</b></li> </ul>
None of the ingredients are listed.
<ul style="list-style-type: none"> <li>· <b>Chemicals known to cause developmental toxicity for males:</b></li> </ul>
None of the ingredients are listed.
<ul style="list-style-type: none"> <li>· <b>Chemicals known to cause developmental toxicity:</b></li> </ul>
None of the ingredients are listed.

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None of the ingredients are listed.

· **EPA (Environmental Protection Agency):**

None of the ingredients are listed.

· **IARC (International Agency for Research on Cancer):**

None of the ingredients are listed.

· **Canadian Domestic Substances List (DSL):**

All ingredients are listed or exempt.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

OSHA: Occupational Safety & Health Administration

Flam. Liq. 3: Flammable liquids – Category 3

Flam. Liq. 4: Flammable liquids – Category 4

Flam. Sol. 2: Flammable solids – Category 2

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1B: Skin sensitisation – Category 1B

STOT SE 2: Specific target organ toxicity (single exposure) – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1

· **Sources**

Website, European Chemicals Agency ([echa.europa.eu](http://echa.europa.eu))

Website, US EPA Substance Registry Services ([ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do](http://ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do))

Website, Chemical Abstracts Registry, American Chemical Society ([www.cas.org](http://www.cas.org))

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaassen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

SDS Prepared by:

ChemTel Inc.

1305 North Florida Avenue

Tampa, Florida USA 33602-2902

Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573

Website: [www.chemtelinc.com](http://www.chemtelinc.com)