

Lavender 40/42 essential oil

Safety Data Sheet

2012 OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200)

Revision Number: 2 Revision Date 17-August-2017

SECTION 1: Identification

1.1. Identification

Product Name Lavender 40/42 essential oil
CAS No. N/A

1.2. Recommended use and restrictions on use

Recommended Use Aromatic Ingredient (s). For Industrial Use Only.
Uses advised against Do not ingest as such. Avoid eye contact

1.3. Supplier

Camden-Grey Essential Oils, Inc.
5751 Halifax Ave., Unit 2
Fort Myers, FL 33912
www.camdengrey.com

1.4. Emergency telephone number

Emergency number : Chemtrec -1.800.424.9300/ 1.703.527.3887 CCN330

SECTION 2: Hazard(s) 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
Flammable liquids	Category 4

Label elements

Signal Word
Warning

Hazard Statements

Causes Skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
May cause damage to organs
Combustible liquid



Precautionary Statements – Prevention

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
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

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Hazards not otherwise classified (HNOC)

None known

Other Information

Harmful to aquatic life with long lasting effects Harmful to aquatic life

Interactions with Other Chemicals

No applicable

Principle Routes of Exposure

No information available

SECTION 3: Composition/information on ingredients

Component	CAS-No	Weight%	OHS Classification
Linalyl acetate	115-95-7	40% - 50%	Eye Irrit. 2A (H319) Aquatic Acute 3 (H402) Flam. Liq. 4 (H227) Skin Irrit. 2 (H315)
1,6-octadien-3-ol,3,7-dimethyl	78-70-6	30% - 40%	Skin Irrit. 2 (H315) Acute Tox. Oral 5 (H303) Skin Sens. 1B(H317) Eye Irrit. 2A (H319) Aquatic Acute 3 (H402) Flam. Liq. 4 (H227)
2-Oxabicyclo[2.2.2]octane, 1,3,3-trimethyl-	470-82-6	5% -10%	Skin Sens. 1B (H317) Acute Tox. Oral 5 (H303) Flam. Liq. 3 (H226) Skin Corr. 3 (H316)
Bornan-2-one	76-22-2	1.0%-5.0%	STOT SE Inhalation 2 (H373) Acute Tox. Inhalation - dust and mist 4 (H332) Aquatic Acute 3 (H402) Acute Tox. Oral 4 (H302) Flam. Sol. 2 (H228)
Caryophyllene beta	87-44-5	1.0% - 5.0%	Skin Sens. 1B (H317) Asp. Tox. 1 (H304) Skin Corr. 3 (H316)
Laevo-Borneol	464-45-9	1.0%-5.0%	Aquatic Acute 3 (H402) Flam. Sol. 2 (H228)
Cyclohexene, 1 -methyl-4-(1-methylethenyl)-, (r)	5989-27-5	0.1% - 1.0%	Skin Irrit. 2 (H315) Aquatic Chronic 1 (H410) Skin Sens. 1B(H317) Asp. Tox. 1 (H304) Aquatic Acute 1 (H400) Flam. Liq. 3 (H226)
dl-Camphor	21368-68-3	0.1% - 1.0%	Acute Tox. Inhalation - dust and mist 4 (H332) Acute Tox. Oral 4 (H302) Aquatic Acute 3 (H402) Flam. Sol. 2 (H228) STOT SE 2 (H371)
Pinene, beta	127-91-3	0.1% - 1.0%	Asp. Tox. 1 (H304) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Flam. Liq. 3 (H226) Skin Irrit. 2 (H315) Skin Sens. 1B (H317)
Pinene, alpha	80-56-8	0.1% -1.0%	Asp. Tox. 1 (H304) Acute Tox. Oral 5 (H303) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Flam. Liq. 3 (H226) Skin Irrit. 2 (H315) Skin Sens. 1B(H317)
2,6-octadien-1-ol,3,7-dimethyl acetate	105-87-3	0.1% - 1.0%	Skin Sens. 1B (H317) Aquatic Chronic 3 (H412) Skin Irrit. 2 (H315) Aquatic Acute 2 (H401)

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4-Isopropylidene-1-methylcyclohexene	586-62-9	0.1% - 1.0%	Asp. Tox. 1 (H304) Acute Tox. Oral 5 (H303) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Flam, Liq. 4 (H227) Skin Corr. 3 (H316) Skin Sens. 1B(H317)
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SECTION 4: First-aid measures

First Aid Measures

Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Wash skin with soap and water
Inhalation	Move to fresh air
Ingestion	Clean mouth with water and afterwards drink plenty of water

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

SECTION 5: Fire-fighting measures

Suitable Extinguishing Media

Carbon dioxide (CO2). Water spray. Use: Dry chemical, alcohol-resistant foam.

Unsuitable Extinguishing Media

Decomposition by contact with water may generate vapours which can be ignited by heat or open flame.

Specific Hazards Arising from the Chemical

Keep product and empty container away from heat and sources of ignition. Risk of ignition.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Methods and material for containment and cleaning up

Methods for Clean-up Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. Dam up.

SECTION 7: Handling and storage

Precautions for safe handling

Handling

Wear personal protective equipment. Use only in area provided with appropriate exhaust ventilation. Do not breathe vapours or spray mist. Use product only in closed system.

Conditions for safe storage, including any incompatibilities

Storage

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition.

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure Guidelines

Component	OSHA PEL (TWA)	ACGIH TLV (TWA)	ACGIH TLV (STEL)	California PEL (TWA)
Bornan-2-one 76-22-2	2MGM3	2 PPM	3 PPM	STEL: 19 MGM3, 3 PPM 2MGM3
dl-Camphor 21368-68-3	2 MGM3	2 PPM	3 PPM	2MGM3

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Pinene. beta 127-91-3	-	20 PPM	-	-
Pinene. alpha 80-56-8	-	20 PPM	-	-

Appropriate engineering controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/face Protection

Tight sealing safety goggles.

Skin and body protection

No special technical protective measures are necessary.

Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State:	Liquid
Appearance:	Pale yellow to medium yellow
Odor:	Characteristic
Odor Threshold:	No information available

Property	Values	Remarks/ Method
pH	Not Determined	None known
Melting Point / Melting Range	Not Determined	None known
Boiling Point / Boiling Range (°C)	>35	None known
Flash Point:	77 °C / 170 °F	CC (closed cup)
Evaporation rate	Not Determined	None known
Flammability (solid, gas)	Not Determined	None known
Vapor Pressure (mm Hg @ 20°C):	Not Determined	None known
Vapor Density	Not Determined	None known
Relative density	Not Determined	None known
Specific Gravity @ 20/20 °C:	0.8832 – 0.9032	RTM-101
Water Solubility:	Not Determined	None known
Solubility in other solvents	Not Determined	None known
Partition coefficient: n-octanol/water	Not Determined	None known
Autoignition Temperature	Not Determined	None known
Decomposition temperature	Not Determined	None known
Decomposition temperature	Not Determined	None known
Viscosity	Not Determined	None known
Explosive Properties	No information available	
Oxidizing Properties	No information available	

SECTION 10: Stability and reactivity

Reactivity

No dangerous reaction known under conditions of normal use. Keep away from oxidizing agents and strongly acid or alkaline materials.

Chemical stability

Stable under normal conditions. Hazardous polymerisation does not occur.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Heating in air.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

None known based on information supplied.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure

Product Information	Product does not present an acute toxicity hazard based on known information
Inhalation	No data available.
Eye Contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

Numerical measures of toxicity • Product Information

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50	>5000 mg/kg
Mist	37.20 mg/L

SECTION 12: Ecological information

Ecotoxicity effects

None known

Persistence and degradability

No information available

Bioaccumulation/ Accumulation

No information available

Other adverse effects

No information available

SECTION 13: Disposal considerations

Waste treatment methods

Waste Disposal Method	Dispose of in accordance with local regulations.
Contaminated Packaging	Empty containers should be taken for local recycling, recovery or waste disposal

SECTION 14: Transport information

DOT	Not regulated
IMDG/IMO	Not regulated
ATA/ICAO	Not regulated

SECTION 15: Regulatory information

USA

Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

State Regulations

California Proposition 65 This product does not contain any Proposition 65 chemicals

International Regulations

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

WHMIS Hazard Class

B3 Combustible liquid D2A Very toxic materials



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SECTION 16: Other information

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