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5800 Park Vista Circle Keller, TX 76244 Ph#1 (800) 929-9425 F#1 (817) 741-0879 Web: www.lonestarcandlesupply.com

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade Name: Driftwood

UFI#

1.2 Relevant indentified product use

Intended use: Compound used in customer substance/mixture/product

1.3 Details of the manufacturer/supplier of the safety data sheet

Supplier:

Lone Star Candle Supply, Inc. 5800 Park Vista Circle Keller, TX 76244 Ph#1 (800) 929-9425 F#1 (817) 741-0879 Web: www.lonestarcandlesupply.com

1.4 Emergency telephone number

1 (817) 741-0876 Domestic USA, Canada, Puerto Rico, and US Virgin Islands International

2. Hazards Identification

2.1. Classification of the substance or mixture

GHS US Classification

Skin corrosion/irritation	H315	Causes skin irritation
Category 2		
Skin sensitization	H317	May cause an allergic skin reaction.
Category 1		

Full text of H statements: see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling Hazard pictogram (GHS US)



Signal word (GHS US) Hazard Statements (GHS US) : Warning : H315 - Causes skin irritation H317 - May cause an allergic skin reaction



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Precautionary statements (GHS US)

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: P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. P264 - Wash hands, forearms and face thoroughly after handling. P272 - Contaminated work clothing must not be allowed out of the workplace. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 - If on skin: Wash with plenty of water. P321 - Specific treatment (see supplemental first aid instruction on this label). P332+P313 - If skin irritation occurs: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P363 - Wash contaminated clothing before reuse. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national, and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available.

2.4. Unknown acute toxicity (GHS US)

Not applicable.

3. Composition/Information on Ingredients

3.1. Substances

Not applicable.

3.2 Mixtures

Name 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8- tetramethyl-2-naphthalenyl)ethanone	Product Identifier (CAS-No.) 54464-57-2	% 30-70	GHS US Classification Skin Irrit. 2, H315 Skin Sens. 1B, H317
FLORALOZONE	(CAS-No.) 67634-15-5	1-5	Skin Irrit. 2, H315 Skin Sens. 1B, H317
LINALOOL	(CAS-No.) 78-70-6	1-5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317
LINALYL ACETATE	(CAS-No.) 115-95-7	1-5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2B, H320 Skin Sens. 1B, H317

Full text of hazard classes and H-statements: see section 16



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4. First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	 Remove person to fresh air and keep comfortable breathing. Wash skin with plenty of water. Take off contaminated clothing. If skin
First-aid measure after skin contact	irritation or rash occurs: get medical advice/attention.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after skin contact	: Irritation. May cause an allergic	skin reaction.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

5. Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Water spray. Dry powder. Foam. Carbon dioxide.

Specific hazards arising from the chemical

N/A

Special protective equipment and precautions for fire-fighters

Protection during fire fighting:

Do not attempt to take action without suitable protective equipment. Selfcontained breathing apparatus. Complete protective clothing.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

6.1.2. For emergency responders

Protective equipment

: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material fr containment and cleaning up

Methods for cleaning up	: Take up liquid spill into absorbent material.
Other information	: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.



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web: www.ionestarcandiesupply.com	
7.Handling & Storage7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Avoid contact with skin and eyes. ear personal protective equipment. Avoid breathing dust/fume/gas/ mist/vapors/spray.
Hygiene measures	: Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

8. Exposure controls/personal protection

8.1. Control parameters

Linalool (78-70-6) Not applicable

LINALYL ACETATE (115-95-7) Not applicable

FLORALOZONE (67634-15-5) Not applicable

TIMBERSILK (54464-57-2)

Not applicable

8.2. Appropriate engineering controls

Appropriate engineering controls: Ensure goodEnvironmental exposure controls: Avoid release

- : Ensure good ventilation of the work station.
- : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection	: Protective gloves
Eye protection	: Safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment.

Personal protective equipment symbol(s):





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9. Physical and Chemic	al Properties
9.1. Information on basic physical a	nd chemical properties
Physical state	: Liquid
Color	: Mixture contains one or more component(s) which have the following color(s): Colorless Colorless to light yellow.
	On exposure to air: yellow Colorless to brown Colorless to white
	On exposure to light: turns yellow
Odor	On exposure to air: turns yellow White Colorless to light amber Colorless to yellow : There may be no odor warning properties, odor is subjective and inadequate to warn of overexposure.
	Mixture contains one or more component(s) which have the following odor: Characteristic odor Sweet odor Floral odor Lemon odor Mild odor Fruity odor Pine odor Pleasant odor Strong odor Aromatic odor.
Odor threshold	: No data available
рН	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: >212°F
Relative evaporation rate	: No data available
(butyl acetate=1)	
Flammability	: Not applicable
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/ water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other Information

No additional information available.

10. Stability & Reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical Stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.



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10.4. Conditions to avoid

Non under recommended storage and handling conditions (see section 7).

10.5. Incompatible materils

No additional information available.

10.6. Hazardous deomposition products

Under normal conditions of storage and use, hazardous decomposition should not be produced.

11. Toxicological information	
11.1. Information on toxicologicial effects	
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Linalool (78-70-6)	
LD50 oral rat	: 2790 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	: 5610 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Experimental value, Dermal, 7 day(s))
ATE (oral)	: 2790 mg/kg body weight
ATE (dermal)	: 5610 mg/kg body weight
TIMBERSILK (54464-57-2)	
LD50 oral rat	: ≥ 5000 mg/kg body weight
LD50 dermal rat	: ≥ 5000 mg/kg body weight
ATE US (oral)	: 5000 mg/kg body weight
ATE US (dermal)	: 5000 mg/kg body weight
Skin corrosion/irritation	: Causes skin irritation
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Linalool (78-70-6)	
NOAEL (dermal, rat/rabbit,90 days)	: 250 mg/kg body weight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Symptoms/effects after skin contact	: Irritation. May cause an allergic reaction.

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12. Ecological information

12.1. Toxicity Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment. Linalool (78-70-6) LC50 - Fish [1] : 27.8 mg/l (OECD 203: Fish, Acute Toxicity Test, 86 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, GLP) EC50 - Crustacea [1] : 59 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental valu, GLP) ErC50 algae : 156.7 mg/l (DIN 38412-9, 96 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration) LINALYL ACETATE (115-95-7) : 11 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Cyprinus carpio) LC50 - Fish [1] EC50 - Crustacea [1] : 15 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna) TIMBERSILK (54464-57-2) LC50 - Fish [1] : ≈ 1.3 mg/l Bluegill Sunfish : ≈ 1.38 mg/l Water Flea EC50 - Crustacea [1] : ≈ 2.6 mg/l Green Algae ErC50 algae 12.2 Persistence and degradability Linalool (78-70-6) Persistence and degradability : Readily biodegradable in water LINALYL ACETATE (115-95-7) Persistence and degradability : Readily biodegradable in water Linalool (78-70-6) Partition coefficient n-octanol/water (Log Pow) : 2.84 (Experimental value, Equivalent or similar to OECD 107, 25°C) Bioaccumulative potential : Low potential for bioaccumulation (Log Kow < 4) 12.4. Mobility in soil Linalool (78-70-6) Surface tension : 8.3 mN/m (20°C, ISO 9101: Surface active agents - Determination of interfacial tension) : No (test)data on mobility of the substance available. Ecology - soil LINALYL ACETATE (115-95-7) Ecology - soil : Adsorbs into the soil.

12.5. Other adverse effects

No additional information available.

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13. Disposal considerations

13.1. Disposal methods

Waste treatment methods

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

14. Transport information

Department of Transportation (DOT) In accordance with DOT

Transport document description (DOT)

UN-No.(DOT) Proper Shipping Name (DOT)

Class (DOT) Packing group (DOT)

- : UN3082 Environmentally hazardous substances, liquid, n.o.s. (1-(1.2.3.4.5.6.7.8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone), 9, III
- : UN3082
- : Environmentally hazardous substances, liquid, n.o.s. 1-(,2,34,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone
- : 9 Class 9 Miscellaneous hazardous material 49 CFR 173.140
- : 9 Class 9 (Miscellaneous dangerous materials)



DOT Packaging Non Bulk (49 CFR 173.xxx) DOT Packaging Bulk (49 CFR 173.xxx) DOT Symbols

DOT Special Provisions (49 CFR 172.102)

: 203

: 241

: G - Identifies PSN requiring a technical name

: 8 - A hazardous substance that is not a hazardous waste may be shipped under the shipping description "Other regulated substances, liquid or solid, n.o.s.", as appropriate. In addition, for solid materials, special provision B54 applies.

146 - This description may be used for a material that poses a hazard to the environment but does not meet the definition for a hazardous waste or a hazardous substance, as defined in 171.8 of this subchapter, or any hazard class as defined in Part 173 of this subchapter, if it is designated as environmentally hazardous by the Competent Authority of the country of origin, transit or destination.

173 - An appropriate generic entry may be used for this material. 335 - Mixtures of solids that are not subject to this subchapter and environmentally hazardous liquids or solids may be classified as "Environmentally hazardous substances, solid, n.o.s," UN3077 and may be transported under this entry, provided there is no free liquid visible at the time the material is loaded or at the time the packaging or transport unit is closed. Each transport unit must be leak-proof when used as bulk packaging.

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	IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672). T4 - 2.65 178.274(d)(2) Normal
DOT Packaging Exception (49 CFR 173.xxx)	this subchapter, where the test pressure is 1.5 times the MAWP. : 155
DOT Quantity Limitation Passenger aircraft/rail	
(49 CFR 173.27)	
DOT Quantity Limitation Cargo aircraft only (49 CFR 175.75)	: No limit
DOT Vessel Stowage Location	: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
Emergency Response Guide (ERG) Number	: 171
Other information	: No supplementary information available.
Transport of Dangerous Goods	
Transport document description (TDG)	: UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2- naphthalenyl)ethanone), 9, III : UN3082
UN-No. (TDG) Proper Shipping Name (TDG) TDG Primary Hazard Classes Packing group (TDG)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S. : 9 - Class 9 - Miscellaneous Products, Substances or Organisms : III - Minor Danger
TDG Special Provisions	 : 16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A) of Part 3 (Documentation). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4 (Dangerous Goods Safety Marks). (2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name: (a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S;



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Explosive Limit and Limited Quantity Index	 (b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S; (c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S; (d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S; or (e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S. (3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment: (a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or (b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS,99 - (1) Mixtures of solids that are not dangerous goods and liquids or solids that are UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, or UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S, may be handled, offered for transport or transported as UN3077 if there is no visible liquid when the dangerous goods are loaded into a means containment and during transport. (2) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to the handling, offering for transport or transporting of less than 450 kg of UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S, on a road vehicle or a railway vehicle. The dangerous goods must be contained in one or more small means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety.
Transport by Sea	
Transport document description (IMDG) UN-No. (IMDG) Proper Shipping Name (IMDG) Class (IMDG) Packing group (IMDG) Limited quantities (IMDG)	 : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone), 9, III : 3082 : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. : 9 - Miscellaneous dangerous substances and articles : III - substances presenting low danger : 5 L
Air transport	
Transport document description (IATA)	: UN 3082 Environmentally hazardous substance, liquid, n.o.s. (1- (1,2,3,4,5,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone), 9, III
UN-No. (IATA) Proper Shipping Name (IATA) Class (IATA) Packing group (IATA)	: 3082 : Environmentally hazardous substance, liquid, n.o.s. : 9 - Miscellaneous Dangerous Substances and Articles : III - Low danger



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15. Regulatory information

15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

LNALOOL	CAS-No. 78-70-6	1-5%
LINALYL ACETATE	CAS-No. 115-95-7	1-5%
FLORALOZONE	CAS-No. 67634-15-5	1-5%
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-	CAS-No. 54464-57-2	30-70%
2-naphthalenyl)ethanone		

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Farnesene

CAS-No. 502-61-4 < 0.5%

15.2. International regulations

Linalool (78-70-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on the EC Inventory

LINALYL ACETATE (115-95-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on the EC Inventory

FLORALOZONE (67634-15-5)

Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on the EC Inventory

TIMBERSILK (54464-57-2)

Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on the EC Inventory

16. Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Full text of H-phrases:	
H227	: Combustible Liquid
H315	: Causes skin irritation
H317	: May cause an allergic skin reaction
H319	: Causes serious eye irritation
H320	: Causes eye irritation

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This safety data sheet is based on the properties of the material known to Lone Star Candle Supply, Inc.[™] at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment Lone Star Candle Supply, Inc.[™] holds no responsibility. This document is not intended for quality assurance purposes.

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