

Version: 1.2

Safety Data Sheet

According to Feder Register | Vol. 77, No. 58 | Monday, March 26, 2012 | Rules & Regulations

Preparation Date: 8/22/2019 | Revision Date: 7/27/2023 | Supersedes: 9/23/2020

# SECTION 1: IDENTIFICATION

### 1.1 PRODUCT IDENTIFIER

**Product Name** Rustic Escentuals™ Teakwood & Coconut Fragrance Oil

Product Form

### 1.2 NAME, ADDRESS, AND TELEPHONE OF THE RESPONSIBLE PARTY

Supplier Details IndiMade Brands, LLC DBA Wholesale Supplies Plus

> 7820 E Pleasant Valley Road Independence, OH 44131

(800) 359-0944

www.WholesaleSuppliesPlus.com

### 1.3 EMERGENCY TELEPHONE NUMBER

**Emergency Telephone** (800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands

> +1 813 248-0585 International

# SECTION 2: HAZARDS IDENTIFICATION

### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

### Classification (GHS-US)

Skin corrosion/irritation Category 2 H315 Causes skin irritation

Skin sensitization Category 1 H317 May cause an allergic skin reaction

# 2.2 GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS

Hazard pictograms (GHS US)



Signal word (GHS US) Warning

Hazard statements (GHS US) H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

Precautionary statements (GHS US) 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

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

# 3.1 SUBSTANCE

Not applicable

### 3.2 MIXTURE

Name	CAS No.	%	GHS US classification
1-(1,2,3,4,5,6,7,8-Octahydro- 2,3,8,8-tetramethyl-2- naphthalenyl)ethanone	54464-57-2	30 - 70	Skin Irrit. 2, H315 Skin Sens. 1B, H317
2H-pyran-4-ol, tetrahydro-4- methyl-2-(2-methylpropyl)-	63500-71-0	1 - 5	Eye Irrit. 2, H319
Coumarin	91-64-5	1 - 5	Acute Tox. 3 (Oral), H301 Skin Sens. 1B, H317
Benzyl Benzoate	120-51-4	1 - 5	Acute Tox. 4 (Oral), H302
2-Ethyl-4-(2,2,3-trimethyl-3- cyclopenten-1-yl)-2-buten-1-ol	28219-61-6	1 - 5	Eye Irrit. 2, H319
Alpha-isomethyl Ionone	127-51-5	1 - 5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Hexyl Cinnamal	101-86-0	1 - 5	Skin Sens. 1B, H317
Amyl Cinnamic Aldehyde	122-40-7	1 - 5	Skin Sens. 1B, H317
4-tert-butylcyclohexyl acetate	32210-23-4	1 - 5	Skin Sens. 1B, H317
Linalyl Acetate	115-95-7	< 0.5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Limonene	5989-27-5	< 0.5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304
Citral	5392-40-5	< 0.5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317

### SECTION 4: FIRST AID MEASURES

# 4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation Remove person to fresh air and keep comfortable for breathing.

Skin contact Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get

medical advice/attention.

Eye contact Rinse eyes with water as a precaution.

Ingestion Call a poison center/doctor/physician if you feel unwell.

# 4.2 MOST IMPORTANT SYMPTOMS AND EFFECT (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.

### SECTION 5: FIREFIGHTING MEASURES

# 5.1 EXTINGUISHING MEDIA

Suitable Extinguishing Media Water spray. Dry powder. Foam. Carbon dioxide.

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5.2 SPECIAL HAZARDS ARISING FROM THE CHEMICAL

# 5.3 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

Protection during firefighting Do not attempt to take action without suitable protective equipment. Self-contained breathing

apparatus. Complete protective clothing.

# SECTION 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 FOR 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.

### SECTION 7: HANDLING AND STORAGE

### 7.1 PRECAUTIONS FOR SAFE HANDLING

Precautions for safe handling Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear 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

Technical measures Store in a well-ventilated place. Keep cool.

# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1 CONTROL PARAMETERS

Citral (5392-40-5)		
ACGIH	Local name	Citral
ACGIH	ACGIH OEL TWA [ppm]	5 ppm (IFV - Inhalable fraction and vapor)
ACGIH	Remark (ACGIH)	TLV® Basis: Body weight eff; URT irr; eye dam. Notations: Skin; DSEN; A4 (Not classifiable as a Human Carcinogen)
ACGIH	Regulatory reference	ACGIH 2018

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D-limonene (5989-27-5)

Not applicable

Linalyl Acetate (115-95-7)

Not applicable

Amyl Cinnamic Aldehyde (122-40-7)

Not applicable

Ethyl Trimethylcyclopentene Butenol (28219-61-6)

Not applicable

Coumarin (91-64-5)

Not applicable

Florol (63500-71-0)

Not applicable

Hexyl Cinnamic Aldehyde (101-86-0)

Not applicable

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (54464-57-2)

Not applicable

Methyl Ionone Gamma (127-51-5)

Not applicable

Benzyl Benzoate (120-51-5)

Not applicable

Vertenex (32210-23-4)

Not applicable

# 8.2 APPROPRIATE ENGINEERING CONTROLS

Appropriate engineering controls Ensure good ventilation of the work station. Environmental exposure controls Avoid release to the environment.

# 8.3 INDIVIDUAL PROTECTION MEASURES/PERSONAL PROTECTIVE EQUIPMENT

Hand protection Eye protection Skin and body protection

Respiratory protection

Personal protective equipment equipment symbol(s)

Protective gloves Safety glasses

Wear suitable protective clothing

In case of insufficient ventilation, wear suitable respiratory equipment







## 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical state

Color Mixture contains one or more component(s) which have the following colour(s): Colourless Colourless

to light yellow Light yellow to colourless White White to light yellow On exposure to light: discolours

On exposure to air: yellow Colourless to brown

There may be no odour warning properties, odour is subjective and inadequate to warn of Odor

overexposure.

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Mixture contains one or more component(s) which have the following odour: Floral odour Fruity odour

Sweet odour Lemon odour Mild odour Characteristic odour Strong odour Pleasant odour Aromatic

odour Pine odour
Odor threshold
No data available
pH
No data available
Melting point
No data available
Freezing point
No data available
Boiling point
No data available
Flash point
Flash point
Relative evaporation rate (butyl acetate=1)
Flammability
Not applicable

Relative evaporation rate (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 No data available Solubility Partition coefficient n-octanol/water (Log Pow) No data available No data available Auto-ignition temperature Decomposition temperature No data available No data available Viscosity, kinematic Viscosity, dynamic 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

### SECTION 10: STABILITY AND 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.

# 10.4 CONDITIONS TO AVOID

None under recommended storage and handling conditions (see section 7).

### 10.5 INCOMPATIBLE MATERIALS

No additional information available

# 10.6 HAZARDOUS DECOMPOSITION PRODUCTS

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

### SECTION 11: TOXICOLOGICAL INFORMATION

# 11.1 INFORMATION ON LIKELY ROUTES OF EXPOSURE

Acute toxicity (oral)

Acute toxicity (dermal)

Acute toxicity (inhalation)

Not classified

Not classified

### Citral (5392-40-5)

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ATE US (dermal)	2250 mg/kg body weight	
D-limonene (5989-27-5)		
LD50 oral rat	> 2000 mg/kg body weight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Read-across, Oral)	
LD50 dermal rabbit	> 5000 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Weight of evidence, Dermal)	
Amyl Cinnamic Aldehyde (122-40-7)		
LD50 oral rat	3730 mg/kg (Rat, Oral)	
LD50 dermal rabbit	> 2000 mg/kg (Rabbit, Dermal)	
ATE US (oral)	3730 mg/kg body weight	
Ethyl Trimethylcyclopentene Buteno	l (28219-61-6)	
LD50 oral rat	> 2000 mg/kg body weight (OECD 401: Acute Oral Toxicity, 2 week(s), Rat, Male/female, Experimental value, Oral)	
LD50 dermal rat	> 5 ml/kg (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male/female, Experimental value, Dermal)	
Coumarin (91-64-5)		
LD50 oral rat	293 mg/kg body weight (Rat, Male / female, Experimental value, Oral)	
ATE US (oral)	293 mg/kg body weight	
Benzyl Benzoate (120-51-5)		
LD50 oral rat	> 2000 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male/female, Experimental value, Oral, 14 day(s))	
LD50 dermal rabbit	> 2 ml/kg (Modification of Draize 1959 method, 4 h, Rabbit, Experimental value, Dermal)	
ATE US (oral)	1500 mg/kg body weight	
ATE US (dermal)	4000 mg/kg body weight	
Vertenex (32210-23-4)		
ATE US (oral)	3230 mg/kg body weight	
Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity	Causes skin irritation Not classified May cause an allergic skin reaction. Not classified Not classified	
D-limonene (5989-27-5)		
IARC group	3 - Not classifiable	
D-limonene (5989-27-5)		
IARC group	3 - Not classifiable	
Reproductive toxicity STOT-single exposure	Not classified Not classified	

Reproductive toxicity
STOT-single exposure
STOT-repeated exposure
Aspiration hazard
Viscosity, kinematic
Not classified
Not classified
No data available

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

### SECTION 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.

# D-limonene (5989-27-5)

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LC50 - Fish [1]	720 μg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)
EC50 - Crustacea [1]	0.36 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
Amyl Cinnamic Aldehyde (122-40-7)	
LC50 - Fish [1]	3 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Brachydanio rerio, Experimental value)
EC50 - Crustacea [1]	1.1 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 96 h, Daphnia magna, Experimental value)
Ethyl Trimethylcyclopentene Butenol (28219	g-61-6)
LC50 - Fish [1]	1.1 mg/l (US EPA, 96 h, Lepomis macrochirus, Flow-through system, Fresh water, Experimental value, GLP)
ErC50 algae	2.5 mg/l (US EPA, 96 h, Selenastrum capricornutum, Static system, Fresh water, Experimental value, GLP)
Coumarin (91-64-5)	
LC50 - Fish [1]	2.94 mg/l (96 h, Pisces, QSAR)
EC50 - Crustacea [1]	24.3 – 36.9 mg/l (48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
Benzyl Benzoate (120-51-5)	
LC50 - Fish [1]	2.32 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	3.09 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)

# 12.2 PERSISTENCE AND DEGRADABILITY

D-limonene (5989-27-5)		
Persistence and degradability	Readily biodegradable in water.	
ThOD	3.29 g O <sub>2</sub> /g substance	
Linalyl Acetate (115-95-7)		
Persistence and degradability	Readily biodegradable in water.	
Amyl Cinnamic Aldehyde (122-40-7)		
Persistence and degradability	Biodegradability in soil: no data available. Readily biodegradable in water.	
Ethyl Trimethylcyclopentene Butenol (28219-61-6)		
Persistence and degradability	Not readily biodegradable in water.	
ThOD	3 g O <sub>2</sub> /g substance	
Coumarin (91-64-5)		
Persistence and degradability	Readily biodegradable in water.	
Florol (63500-71-0)		
Persistence and degradability	Biodegradability in water: no data available.	
Benzyl Benzoate (120-51-5)		
Persistence and degradability	Readily biodegradable in water.	

# 12.3 BIOACCUMULATIVE POTENTIAL

D-limonene (5989-27-5)	
BCF - Fish [1]	864.8 - 1022 (Pisces, QSAR, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	4.38 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 37 °C)
Bioaccumulative potential	Potential for bioaccumulation $(4 \ge \text{Log Kow} \le 5)$ .
Linalyl Acetate (115-95-7)	

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Partition coefficient n-octanol/water (Log Pow)	3.93 (Experimental value)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4)	
Amyl Cinnamic Aldehyde (122-40-7)		
BCF - Fish [1]	586 (Pisces, Calculated value)	
Partition coefficient n-octanol/water (Log Pow)	4.33 – 4.7 (Literature study)	
Bioaccumulative potential	Potential for bioaccumulation (500 ≤ BCF ≤ 5000)	
Ethyl Trimethylcyclopentene Butenol (28219-6	i1-6)	
BCF - Other aquatic organisms [1]	667 (Other, QSAR)	
Partition coefficient n-octanol/water (Log Pow)	<ul><li>4.4 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 35</li><li>°C)</li></ul>	
Bioaccumulative potential	Potential for bioaccumulation (500 ≤ BCF ≤ 5000)	
Coumarin (91-64-5)		
Partition coefficient n-octanol/water (Log Pow)	1.39 (QSAR, 25 °C)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4)	
Florol (63500-71-0)		
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4)	
Benzyl Benzoate (120-51-5)		
BCF - Fish [1]	2.286 (BCFBAF v3.00, Pisces, QSAR)	
Partition coefficient n-octanol/water (Log Pow)	3.97 (Experimental value, 25 °C)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4)	
2.4 MOBILITY IN SOIL		
D-limonene (5989-27-5)		
Ecology - soil	Adsorbs into the soil.	
Linalyl Acetate (115-95-7)		
Foology and	A decade a set of the set of	

D-limonene (5989-27-5)		
Ecology - soil	Adsorbs into the soil.	
Linalyl Acetate (115-95-7)		
Ecology - soil	Adsorbs into the soil.	
Amyl Cinnamic Aldehyde (122-40-7)		
Ecology - soil	Low potential for mobility in soil.	
Ethyl Trimethylcyclopentene Butenol (28219	g-61-6)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.57 (log Koc, Other, QSAR)	
Ecology - soil	Low potential for mobility in soil.	
Coumarin (91-64-5)		
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.63 (log Koc, QSAR)	
Ecology - soil	Low potential for mobility in soil.	
Florol (63500-71-0)		
Ecology - soil	No (test) data on mobility of the substance available.	
Benzyl Benzoate (120-51-5)		
Surface tension	0.027 N/m (210 °C)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.8 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value)	
Ecology - soil	Low potential for mobility in soil.	

# 12.5 OTHER ADVERSE EFFECTS

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No additional information available.

## SECTION 13: DISPOSAL CONSIDERATIONS

## 13.1 WASTE TREATMENT METHODS

Waste treatment methods

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

# SECTION 14: TRANSPORT INFORMATION

# 14.1 DEPARTMENT OF TRANSPORTATION (DOT)

Transport document description (DOT)

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

Class (DOT) Packing group (DOT) Hazard labels (DOT)

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

**DOT Symbols** 

DOT Special Provisions (49 CFR 172.102)

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-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone

9 - Class 9 - Miscellaneous hazardous material 49 CFR 173.140

III - Minor Danger

9 - Class 9 (Miscellaneous dangerous materials)



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. 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.

TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / 1 + a (tr - tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees elsius of the liquid during filling. TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

DOT Packaging Exceptions (49 CFR 173.xxx) DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)

No limit

No limit

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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

Other information \( \)

171

No supplementary information available.

### 14.2 TRANSPORTATION OF DANGEROUS GOODS

Transport document description (TDG)

UN-No. (TDG)
Proper Shipping Name (TDG)
TDG Primary Hazard Classes
Packing group (TDG)
TDG Special Provisions

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

 ${\tt ENVIRONMENTALLY\ HAZARDOUS\ SUBSTANCE,\ LIQUID,\ N.O.S.}$ 

9 - Class 9 - Miscellaneous Products, Substances or Organisms

III - Minor Danger

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;

(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, SOLID, N.O.S, or less than 450 L of UN3082, 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.

Explosive Limit and Limited Quantity Index

5 L

### 14.3 TRANSPORT BY SEA

Transport document description (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, MARINE POLLUTANT

3082

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

9 - Miscellaneous dangerous substances and articles

III - substances presenting low danger

5 L

3082

### 14.4 AIR TRANSPORT

Proper Shipping Name (IMDG)

UN-No. (IMDG)

Class (IMDG)

Packing group (IMDG)

Limited quantities (IMDG)

Transport document description (IATA)

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

UN-No. (IATA)

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Proper Shipping Name (IATA) Environmentally hazardous substance, liquid, n.o.s.

Class (IATA) 9 - Miscellaneous Dangerous Substances and Articles

Packing group (IATA) III - Low danger

## SECTION 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

Name	CAS No.	%
Citral	5392-40-5	< 0.5
Limonene	5989-27-5	< 0.5
Linalyl Acetate	115-95-7	< 0.5
Amyl Cinnamic Aldehyde	122-40-7	1 - 5
2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	28219-61-6	1 - 5
Coumarin	91-64-5	1 - 5
2H-pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)-	63500-71-0	1 - 5
Hexyl Cinnamal	101-86-0	1 - 5
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethenone	54464-57-2	30 - 70
Alpha-isomethyl Ionone	127-51-5	1 - 5
Benzyl Benzoate	120-51-4	1 - 5
4-tert-butylcyclohexyl acetate	32210-23-4	1 - 5

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.

Name	CAS No.	%
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran	1222-05-5	1 - 5

# 15.2 INTERNATIONAL REGULATIONS

### 15.2.1 CANADA

### Citral (5392-40-5)

Listed on the Canadian DSL (Domestic Substances List)

# D-limonene (5989-27-5)

Listed on the Canadian DSL (Domestic Substances List)

### Linalyl Acetate (115-95-7)

Listed on the Canadian DSL (Domestic Substances List)

# Amyl Cinnamic Aldehyde (122-40-7)

Listed on the Canadian DSL (Domestic Substances List)

### Ethyl Trimethylcyclopentene Butenol (28219-61-6)

Listed on the Canadian DSL (Domestic Substances List)

## Coumarin (91-64-5)

Listed on the Canadian DSL (Domestic Substances List)

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### Florol (63500-71-0)

Listed on the Canadian DSL (Domestic Substances List)

### Hexyl Cinnamic Aldehyde (101-86-0)

Listed on the Canadian DSL (Domestic Substances List)

# 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (54464-57-2)

Listed on the Canadian DSL (Domestic Substances List)

### Methyl Ionone Gamma (127-51-5)

Listed on the Canadian DSL (Domestic Substances List)

### Benzyl Benzoate (120-51-5)

Listed on the Canadian DSL (Domestic Substances List)

### Vertenex (32210-23-4)

Listed on the Canadian DSL (Domestic Substances List)

### 15.2.2 EU REGULATIONS

## Florol (63500-71-0)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) - Directive 79/831/EEC, sixth

Amendment of Directive 67/548/EEC (dangerous substances)

# 15.2.3 NATIONAL REGULATIONS

### Citral (5392-40-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on the Australian HSIS Consolidated List

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

### D-limonene (5989-27-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on the Australian HSIS Consolidated List

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

## Linalyl Acetate (115-95-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

# Amyl Cinnamic Aldehyde (122-40-7)

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Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

### Ethyl Trimethylcyclopentene Butenol (28219-61-6)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

### Coumarin (91-64-5)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

### Florol (63500-71-0)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the EC Inventory

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

### Hexyl Cinnamic Aldehyde (101-86-0)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

### 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (54464-57-2)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

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### Methyl Ionone Gamma (127-51-5)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

### Benzyl Benzoate (120-51-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on the Australian HSIS Consolidated List

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

### Vertenex (32210-23-4)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

# **SECTION 16: OTHER INFORMATION**

Revision Date 7/27/2023

Full text of H-phrases:	
H226	Flammable liquid and vapor
H227	Combustible liquid
H301	Toxic if swallowed
H302	Harmful 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

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.