

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 05/12/2022 Version: 1.0

- <u> </u>	
SECTION 1: Identification	
1.1. Identification	
Product form	: Mixture
Product name	: OIL, SANDALWOOD VANILLA
CAS-No.	: N/A
Product code	99178
1.2. Recommended use and restriction	s on use
1.3. Supplier	
Shay and Company 10639 SE Fuller Rd Milwaukie, OR 97222 5036531155 - orders@shayandcompany.c	com
1.4. Emergency telephone number	
Emergency number	: CHEMTREC - USA: 800-424-9300 International: +1 703-527-3887 / 1-800-424-9300 CCN 13010
SECTION 2: Hazard(s) identification	1
2.1. Classification of the substance or	mixture
GHS US classification	
Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2 Skin sensitization, Category 1 Specific target organ toxicity (repeated exposur Category 2	Causes skin irritation Causes serious eye irritation May cause an allergic skin reaction re) May cause damage to organs through prolonged or repeated exposure
2.2. GHS Label elements, including pre	cautionary statements
GHS US labeling	
Hazard pictograms (GHS US)	CHS07 CHS08
Signal word (GHS US)	: Warning
Hazard statements (GHS US)	: Causes skin irritation May cause an allergic skin reaction Causes serious eye irritation May cause damage to organs through prolonged or repeated exposure
Precautionary statements (GHS US)	<ul> <li>Do not breathe dust/fume/gas/mist/vapors/spray. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands, forearms and face thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. If on skin: Wash with plenty of water.</li> <li>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell. Specific treatment (see supplemental first aid instruction on this label). If skin irritation occurs: Get medical advice/attention.</li> <li>If skin irritation presists: Get medical advice/attention.</li> <li>If eye irritation persists: Get medical advice/attention.</li> <li>Take off contaminated clothing and wash it before reuse.</li> <li>Wash contaminated clothing before reuse.</li> <li>Dispose of contents/container to hazardous or special waste collection point, in accordance</li> </ul>

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#### 2.3. Other hazards which do not result in classification

### No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	GHS US classification
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2- naphthalenyl)ethanone	(CAS-No.) 54464-57-2	25 – 50	Skin Irrit. 2, H315 Skin Sens. 1B, H317
2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	(CAS-No.) 28219-61-6	10 – 25	Skin Irrit. 2, H315 Eye Irrit. 2A, H319
CEDARWOOD OIL	(CAS-No.) 8000-27-9	1 – 5	Asp. Tox. 1, H304
3,7-Dimethyl-1,6-nonadien-3-ol	(CAS-No.) 10339-55-6	1 – 5	Flam. Liq. 4, H227 Eye Irrit. 2A, H319 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
METHYL GAMMA-IONONE	(CAS-No.) 127-51-5	1 – 5	Skin Sens. 1B, H317 STOT RE 2, H373
ETHYL VANILLIN	(CAS-No.) 121-32-4	1 – 5	Eye Irrit. 2B, H320
VANILLIN	(CAS-No.) 121-33-5	1 – 5	Eye Irrit. 2A, H319
ETHYL MALTOL	(CAS-No.) 4940-11-8	1 – 5	Acute Tox. 4 (Oral), H302
3,3,5,5-Tetramethyl-4-ethoxyvinylcyclohexanone	(CAS-No.) 36306-87-3	1 – 5	Skin Irrit. 2, H315
ORANGE OIL	(CAS-No.) 8008-57-9	0.1 – 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304

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

SECTION 4: First-aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Get medical advice/attention if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures 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 advice/attention.
First-aid measures after ingestion	: Call a poison center/doctor/physician if you feel unwell.
4.2. Most important symptoms and effe	cts (acute and delayed)
Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.
4.3. Immediate medical attention and special treatment, if necessary	
Treat symptomatically.	
SECTION 5: Fire-fighting measures	
5.1. Suitable (and unsuitable) extinguisl	ning media
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Specific hazards arising from the cl	nemical
Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
5.3. Special protective equipment and p	recautions for fire-fighters
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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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. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.         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.			
6.1.1. For non-emergency personnel         Emergency procedures       : Ventilate spillage area. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.         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.			
Emergency procedures       : Ventilate spillage area. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.         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       : 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.			
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.       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.       Image: Content information information refer to section 13.			
interference to other section 8: "Exposure controls/personal protection".         6.2.       Environmental precautions         Avoid release to the environment.       6.3.         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.			
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.			
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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. Do not breathe dust/fume/gas/mist/vapors/spray.			
Avoid contact with skin and eyes. Wear personal protective equipment.			
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.			
SECTION 8: Exposure controls/personal protection           8.1.         Control parameters			
OIL, SANTAL & COCONUT* (N/A)			
No additional information available			
VANILLIN (121-33-5)			
No additional information available			
ETHYL MALTOL (4940-11-8)			
No additional information available			
2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol (28219-61-6)			
No additional information available			
METHYL GAMMA-IONONE (127-51-5)			
No additional information available			
3,3,5,5-Tetramethyl-4-ethoxyvinylcyclohexanone (36306-87-3)			
No additional information available			
ETHYL VANILLIN (121-32-4)			
No additional information available			
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (54464-57-2)			
No additional information available			
ORANGE OIL (8008-57-9)			
No additional information available			
3,7-Dimethyl-1,6-nonadien-3-ol (10339-55-6)	No additional information available		
3,7-Dimethyl-1,6-nonadien-3-ol (10339-55-6) No additional information available			
3,7-Dimethyl-1,6-nonadien-3-ol (10339-55-6)			

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# CEDARWOOD OIL (8000-27-9) No additional information available

### 8.2. Appropriate engineering controls

Appropriate engineering controls Environmental exposure controls : 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



SECTION 9: Physical and chemical properties		
9.1. Information on basic physical and o	chemical properties	
Physical state	: Liquid	
Color	: COLORLESS TO YELLOW	
Odor	: CHARACTERISTIC, MATCHING RETAINER SAMPLE	
Odor threshold	: No data available	
pH	: No data available	
Melting point	: Not applicable	
Freezing point	: No data available	
Boiling point	: No data available	
Flash point	: 100 °C	
Relative evaporation rate (butyl acetate=1)	: No data available	
Flammability (solid, gas)	: Not applicable.	
Vapor pressure	: No data available	
Relative vapor density at 20 °C	: No data available	
Relative density	: 0.9537 (0.9437 – 0.9637)	
Solubility	: Insoluble.	
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	
Viscosity, dynamic	: No data available	
Explosion limits	: No data available	
Explosive properties	: No data available	
Oxidizing properties	: No data available	
9.2. Other information		
Refractive index	: 1.47909 (1.46909 – 1.48909)	

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SECTION 10: Stability and read	
10.1. Reactivity	
The product is non-reactive under norma	I conditions of use, storage and transport.
10.2. Chemical stability	
Stable under normal conditions.	
10.3. Possibility of hazardous read	tions
No dangerous reactions known under no	rmal conditions of use.
10.4. Conditions to avoid	
None under recommended storage and h	nandling conditions (see section 7).
0.5. Incompatible materials	<b>.</b>
No additional information available	
0.6. Hazardous decomposition pr	oducts use, hazardous decomposition products should not be produced.
ů.	
SECTION 11: Toxicological info	ormation
11.1. Information on toxicological	
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
VANILLIN (121-33-5)	
LD50 oral rat	3300 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
ATE US (oral)	3300 mg/kg body weight
ETHYL MALTOL (4940-11-8)	
LD50 oral rat	1220 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Experimental value, Oral)
LD50 dermal rabbit	> 5000 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: no indication of skin irritation up to the relevant limit dose level
ATE US (oral)	1200 mg/kg body weight
METHYL GAMMA-IONONE (127-51-5)	
LD50 oral rat	> 2000 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), Remarks on results: other:
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other:
ETHYL VANILLIN (121-32-4)	
LD50 oral rat	> 3160 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Remarks on results: other:
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
ATE US (oral)	3000 mg/kg body weight
ORANGE OIL (8008-57-9)	
LD50 oral rat	> 5000 mg/kg body weight (Rat; Equivalent or similar to OECD 401; Experimental value)
LD50 dermal rabbit	> 5000 mg/kg body weight (Rabbit; Experimental value; Equivalent or similar to OECD 402)
3,7-Dimethyl-1,6-nonadien-3-ol (1033	9-55-6)
LD50 dermal rabbit	> 5000 mg/kg body weight Animal: rabbit, Guideline: other:
LC50 Inhalation - Rat	> 1 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Remarks on results: other:
ATE US (oral)	5000 mg/kg body weight
LINALOOL (78-70-6)	
LD50 oral rat	2790 mg/kg (Rat)
LD50 dermal rat	5610 mg/kg (Rat)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit)

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Reproductive toxicity

STOT-single exposure

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LINALOOL (78-70-6)	
ATE US (oral)	2790 mg/kg body weight
ATE US (dermal)	5610 mg/kg body weight
CEDARWOOD OIL (8000-27-9)	
LD50 oral rat	> 5000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Remarks on results: not determinable due to absence of adverse toxic effects
LD50 dermal rabbit	> 5000 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

CEDARWOOD OIL (8000-27-9)	
NOAEL (animal/female, F1)	207 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Remarks on results: other:

: Not classified

: Not classified

STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.
ETHYL MALTOL (4940-11-8)	
NOAEL (oral,rat,90 days)	≥ 200 mg/kg body weight Animal: rat, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)
METHYL GAMMA-IONONE (127-51-5)	
NOAEL (oral,rat,90 days)	30 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEL (dermal,rat/rabbit,90 days)	50 mg/kg body weight Animal: rat, Guideline: other:, Remarks on results: other:
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

3,7-Dimethyl-1,6-nonadien-3-ol (10339-55	5-6)
NOAEL (dermal,rat/rabbit,90 days)	250 mg/kg body weight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)
CEDARWOOD OIL (8000-27-9)	
NOAEL (oral,rat,90 days)	< 207 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other:
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Symptoms/effects after skin contact Symptoms/effects after eye contact	<ul><li>Irritation. May cause an allergic skin reaction.</li><li>Eye irritation.</li></ul>

SECTIO	ON 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.

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VANILLIN (121-33-5)			
LC50 - Fish [1]	57 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value)		
EC50 - Crustacea [1]	36.79 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)		
LC50 - Fish [2]	123 mg/l Test organisms (species): Pimephales promelas		
ErC50 algae	120 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)		
LOEC (chronic)	10 mg/l Test organisms (species): Daphnia magna Duration: '21 d'		
NOEC (chronic)	5.9 mg/l Test organisms (species): Daphnia magna Duration: '21 d'		
ETHYL MALTOL (4940-11-8)			
LC50 - Fish [1]	> 85 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Semi-static system, Fresh water, Experimental value)		
EC50 - Crustacea [1]	27 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value)		
ErC50 algae	7.2 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)		
METHYL GAMMA-IONONE (127-51-5)			
LC50 - Fish [1]	10.9 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)		
EC50 - Crustacea [1]	9 mg/l Test organisms (species): Daphnia magna		
ETHYL VANILLIN (121-32-4)			
LC50 - Fish [1]	87.6 mg/l Test organisms (species): Pimephales promelas		
EC50 - Crustacea [1]	26.2 mg/l Test organisms (species): Daphnia magna		
LOEC (chronic)	10 mg/l Test organisms (species): Daphnia magna Duration: '21 d'		
NOEC (chronic)	5.9 mg/l Test organisms (species): Daphnia magna Duration: '21 d'		
ORANGE OIL (8008-57-9)			
LC50 - Fish [1]	702 μg/l (LC50; Equivalent or similar to OECD 203; 96 h; Pimephales promelas; Flow-through system; Fresh water; Read-across)		
EC50 - Crustacea [1]	0.67 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)		
3,7-Dimethyl-1,6-nonadien-3-ol (10339-55-6)			
LC50 - Fish [1]	24 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)		
EC50 - Crustacea [1]	23 mg/l Test organisms (species): Daphnia magna		
LINALOOL (78-70-6)			
EC50 - Crustacea [1]	59 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna)		
EC50 - Other aquatic organisms [1]	≥ 100 mg/l (3 h; Activated sludge)		
LC50 - Fish [2]	27.8 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Salmo gairdneri)		
Threshold limit - Algae [1]	88.3 mg/l (EC50; 96 h)		
12.2. Persistence and degradability			
VANILLIN (121-33-5)			
Persistence and degradability	Readily biodegradable in water.		

ETHYL MALTOL (4940-11-8)	
Persistence and degradability	Readily biodegradable in water.

LINALOOL (78-70-6)	
Persistence and degradability	Readily biodegradable in water.
Biochemical oxygen demand (BOD)	1.531 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD) 2.808 g O <sub>2</sub> /g substance	

### 12.3. Bioaccumulative potential

VANILLIN (121-33-5)		
Partition coefficient n-octanol/water (Log Pow)	1.17 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)	(
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
05/12/2022	EN (English US)	7/10

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ETHYL MALTOL (4940-11-8)	
Partition coefficient n-octanol/water (Log Pow)	2.9 (Practical experience/observation, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
DRANGE OIL (8008-57-9)	
BCF - Other aquatic organisms [1] 32 – 395 (BCF; BCFWIN)	
Partition coefficient n-octanol/water (Log Pow)	2.78 – 4.88 (QSAR; KOWWIN)
INALOOL (78-70-6)	
Partition coefficient n-octanol/water (Log Pow) 2.84 – 3.145	
Bioaccumulative potential Bioaccumable.	

VANILLIN (121-33-5)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.438 (log Koc, Experimental value)
Ecology - soil	Low potential for mobility in soil.
ETHYL MALTOL (4940-11-8)	
Ecology - soil	No (test)data on mobility of the substance available.

#### 12.5. Other adverse effects

No additional information available

<b>SECTION 13: Disposal considered and a second considered and a second constant</b>	derations
13.1. Disposal methods	
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
<b>SECTION 14: Transport infor</b>	mation
Department of Transportation (DOT)	

In accordance with DOT Not regulated

#### **Transportation of Dangerous Goods**

Not applicable

Transport by sea

Not applicable

### Air transport

Not applicable

### SECTION 15: Regulatory information

15.1. US Federal regulations

### ETHYL MALTOL (4940-11-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

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2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol (28219-61-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
3,3,5,5-Tetramethyl-4-ethoxyvinylcyclohexanone (36306-87-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
ETHYL VANILLIN (121-32-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
ORANGE OIL (8008-57-9)	
Not listed on the United States TSCA (Toxic Substances Control Act) inventory	
CEDARWOOD OIL (8000-27-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

### 15.2. International regulations

### CANADA

VANILLIN (121-33-5)
Listed on the Canadian DSL (Domestic Substances List)
ETHYL MALTOL (4940-11-8)
Listed on the Canadian DSL (Domestic Substances List)
2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol (28219-61-6)
Listed on the Canadian DSL (Domestic Substances List)
METHYL GAMMA-IONONE (127-51-5)
Listed on the Canadian DSL (Domestic Substances List)
3,3,5,5-Tetramethyl-4-ethoxyvinylcyclohexanone (36306-87-3)
Listed on the Canadian DSL (Domestic Substances List)
ETHYL VANILLIN (121-32-4)
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)
ORANGE OIL (8008-57-9)
Listed on the Canadian DSL (Domestic Substances List)
3,7-Dimethyl-1,6-nonadien-3-ol (10339-55-6)
Listed on the Canadian DSL (Domestic Substances List)
LINALOOL (78-70-6)
Listed on the Canadian DSL (Domestic Substances List)
CEDARWOOD OIL (8000-27-9)
Listed on the Canadian DSL (Domestic Substances List)

#### **EU-Regulations**

No additional information available

### **National regulations**

#### VANILLIN (121-33-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on INSQ (Mexican National Inventory of Chemical Substances)

### METHYL GAMMA-IONONE (127-51-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on INSQ (Mexican National Inventory of Chemical Substances)

### Safety Data Sheet

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

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (54464-57-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on INSQ (Mexican National Inventory of Chemical Substances)	
ORANGE OIL (8008-57-9)	
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)	
3,7-Dimethyl-1,6-nonadien-3-ol (10339-55-6)	

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on INSQ (Mexican National Inventory of Chemical Substances)

#### LINALOOL (78-70-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on INSQ (Mexican National Inventory of Chemical Substances)

#### 15.3. US State regulations

🗥 WARNING:

This product can expose you to myrcene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

### **SECTION 16: Other information**

### Full text of H-phrases:

H226	Flammable liquid and vapor
H227	Combustible liquid
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
H320	Causes eye irritation
H373	May cause damage to organs through prolonged or repeated exposure

SDS US (GHS HazCom 2012)

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.