

# SAFETY DATA SHEET

Issuing Date: 30-Nov-2018 Revision Date: 30-Nov-2018 Version 2

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

**Product name** SAGE

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Recommended use** No information available

**Uses advised against** No information available

### 1.3. Details of the supplier of the safety data sheet Details Of The Supplier Of The Safety Data Sheet

Sarah Horowitz Parfums  
822 Hampshire Rd  
STE A  
Westlake Village, Ca 91361

**E-mail address** admin@sarahhorowitz.com

### 1.4 Emergency Telephone Number

CHEMTREC: 1-800-424-9300 For US/ 703-527-3887 Outside US / CN#23087

## 2. HAZARDS IDENTIFICATION

### Classification

#### OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation Category 2

Skin sensitization Category 1B

Flammable liquids Category 4

#### GHS Label elements, including precautionary statements

#### Warning

#### Hazard Statements

Causes skin irritation

May cause an allergic skin reaction

Combustible liquid



**Appearance** Clear Light Green - Yellow **Physical State @20°C** Liquid **Odor** Characteristic **Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing should not be allowed out of the workplace

Keep away from heat/sparks/open flames/hot surfaces. - No smoking

#### Precautionary Statements - Response

Specific treatment (see supplemental first aid instructions on this label)

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

#### Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool

#### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

#### Hazards not otherwise classified (HNOC)

#### Other information

Toxic to aquatic life with long lasting effects

Toxic to aquatic life

Unknown Acute Toxicity 1.4045% of the mixture consists of ingredient(s) of unknown toxicity **3. COMPOSITION/INFORMATION ON**

## INGREDIENTS

### 3.2 Mixtures

**Chemical name CAS No. Weight-% Classification according to**

D-Limonene 5989-27-5 5 -< 10%  
Aquatic Chronic 1 (H410) Flam. Liq. 3 (H226) Skin Irrit. 2  
(H315)  
Skin Sens. 1B (H317)

2633

Linalyl acetate 115-95-7 5 -< 10%

**Regulation (EC) No. 1272/2008 [CLP]FEMA Numbers**  
Asp. Tox. 1 (H304)  
Aquatic Acute 1 (H400)

1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl  
acetate 125-12-2 1-<5%

4-tert-Butylcyclohexyl acetate 32210-23-4 1-<5%	Tox. 5 (H303) Aquatic Acute 2 (H401) Skin Sens. 1B (H317) Aquatic Acute 1 (H400) 2636	
Cyclopenta[g]-2-benzopyran,		2160 None
Flam. Liq 4 (H227) Skin Irrit 2 (H315) Skin Sens. 1 (H317) Eye Irrit. 2A (H319) Aquatic Acute 3 (H402) Flam. Liq 4 (H227) Aquatic Acute 2 (H401) Skin Irrit. 3 (H316) Acute		
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl 1222-05-5 1-<5%	Aquatic Chronic 1 (H410) Skin Irrit. 3 (H316) None Acute Tox. 5 (H303) Eye Irrit. 2A (H319) Aquatic Acute 3 (H402) Flam. Liq. 4 (H227) Skin Irrit. 2 (H315) Skin Sens. 1B (H317) 2635	
Linalool 78-70-6 1-<5%		
1-Phenylethyl acetate 93-92-5 1-<5%	Aquatic Acute 2 (H402) Flam. Liq 4 (H227)	2684
2-Methylundecanal 110-41-8 1-<5%	Acute Tox. 5 (H303) Aquatic Acute 3 (H402) Aquatic Chronic 3 (H412) Skin Irrit. 3 (H316) Acute Tox. 5 (H303) Aquatic Acute 2 (H401) Aquatic Chronic 3 (H412) Skin Irrit. 2 (H315) Flam. Liq 4 (H227)	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) 1,8-Cineol 470-82-6 0.1-1% Eugenol 97-53-0 0.1-1%
2-Benzylideneoctanal 101-86-0 1-<5%	Skin Sens 1B (H317) Aquatic Acute 1 (H400) 2749	.alpha.-Pinene 80-56-8 0.1-1% Myrcene 123-35-3 0.1-1%
Coumarin 91-64-5 1-<5%		
Benzyl benzoate 120-51-4 1-<5%		
4,7-Methano-1H-inden-6-ol, 3a,4,5,6,7,7a-hexahydro-, propanoate 17511-60-3 1-<5%	None 2138 -	Flam. Liq. 3 (H226) Skin Irrit. 3 (H316) Skin Sens. 1B (H317) Acute Tox. 5 (H303) Eye Irrit. 2A (H319) Aquatic Acute 2 (H401) Skin Irrit. 3 (H316) Skin Sens. 1B (H317) Flam. Liq. 3 (H226)
4,7-Methano-1H-inden-6-ol, 3a,4,5,6,7,7a-hexahydro-, acetate 5413-60-5 0.1-1%	-	Acute Tox. 4 (H302) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Eye Irrit. 2A (H319) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411) 2465 2467
3-(4-Isopropylphenyl)-2- methylpropanal 103-95-7 0.1-1% Ethanone,	2743	
1-(2,3,4,7,8,8a-hexahydro Flam. Liq 4 (H227) Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Acute Tox. 5 (H303) Aquatic Chronic 2 (H411) Aquatic Acute 1 (H400) Skin Irrit. 3 (H316) Skin Sens. 1B (H317) Acute Tox. 4 (H302) Aquatic Acute 3 (H402) Skin Sens. 1B (H317) Acute Tox. 5 (H313) Acute Tox. 4 (H302) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411) Aquatic Acute 2 (H401) Aquatic Chronic 2 (H411) Skin Irrit. 3 (H316) Bicyclo[7.2.0]undec-4-ene, 4,11,11- trimethyl-8-methylene-, [1R- (1R*,4E,9S*)]- 87-44-5 0.1-1%	3,6,8,8-tetramethyl-1H-3a,7- methanoazulen-5-yl)-, [3R- (3.alpha.,3a.beta.,7.beta.,8a.alpha.)]- 32388-55-9 0.1-1% Aquatic Chronic 1 (H410) - Skin Irrit. 3 (H316) Skin Sens. 1B (H317) Acute Tox. 5 (H303)	2902 2762
Skin Irrit. 3 (H316) 2252 3,7-Dimethylocta-2,6-dien-1-ol 106-24-1 0.1-1%	1H-3a,7-Methanoazulene, octahydro Skin Sens. 1B (H317) Eye Dam. 1 (H318) Aquatic Acute (3.alpha.,3a.beta.,6.beta.,7.beta.,8a.alpha.)- 19870-74-7 0.1-1%	3 (H402) Skin Sens. 1B (H317) 2507 Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
6-methoxy-3,6,8,8-tetramethyl-, [3R- Methyl eugenol 93-15-2 < 0.1%	Acute Tox. 5 (H303) Skin Irrit. 2 (H315) Acute Tox. 4 (H302) Carc. 2 (H351) Aquatic Acute 2 (H401) Muta. 2 (H341)	None None

**Regulatory Information** Exact Chemical Percentage and Non-hazardous components are withheld as a Trade Secret under OSHA §1910.1200(j)

#### 4. FIRST AID MEASURES

##### First aid measures for different exposure routes

**General advice** If symptoms persist, call a physician.

Rinse immediately with plenty of water, also under the eyelids, for at least 15

##### Eye contact

minutes. Keep eye wide open while rinsing.

Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. Remove and wash contaminated clothing before re use.

Wash off immediately with plenty of water. Wash off immediately with soap and plenty of water. Immediate medical attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Move to fresh air. If symptoms persist, call a physician. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors. Move to fresh air in case of accidental inhalation of vapors or decomposition products. Do not induce vomiting. Drink plenty of water. Immediate medical attention is not required. Rinse mouth. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.

#### Skin contact

#### Inhalation Ingestion

minutes. If symptoms persist, call a physician. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15

**Protection of first-aiders** Use personal protective equipment.

**Most important symptoms/effects, acute and delayed**

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to physician** May cause sensitization of susceptible persons. Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

#### Suitable extinguishing media

Use: Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol-resistant foam.

**Flammable Properties** Combustible liquid

**Unsuitable Extinguishing Media** Do not use a solid water stream as it may scatter and spread fire. **Specific hazards arising from the chemical**

Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Keep product and empty container away from heat and sources of ignition. Risk of ignition.

#### Explosion Data

**Sensitivity to Mechanical Impact** none.

**Sensitivity to Static Discharge** Yes.

**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.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid contact with the skin and the eyes. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges.

#### Personal precautions

#### Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

#### Environmental precautions

#### Methods and materials for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material. Pick up and transfer to properly labeled

#### Methods for cleaning up

#### Precautions for safe handling

Wear personal protective equipment/face protection. Ensure adequate ventilation. Use local exhaust ventilation. Do not breathe dust/fume/gas/mist/vapors/spray. All equipment used when handling the product must be grounded. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).

#### Advice on safe handling

#### Conditions for safe storage, including any incompatibilities Technical

#### measures/Storage conditions

Keep out of the reach of children. Keep container tightly closed. Keep away from heat and sources of ignition. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers. Keep away from heat.

containers. After cleaning, flush away traces with water. Prevent product from entering drains. Dam up. Take precautionary measures against static discharges.

### 7. HANDLING AND STORAGE

**Incompatible products** None known based on information supplied.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

#### Exposure Guidelines .

**Chemical name ACGIH TLV OSHA PEL NIOSH IDLH** (vacated) TWA: 2 mg/m<sup>3</sup>IDLH: 200 mg/m<sup>3</sup>

(+)-Camphor 464-49-3

STEL: 3 ppm synthetic TWA: 2 ppm

TWA: 2 mg/m<sup>3</sup>

.alpha.-Pinene

synthetic

TWA: 2 mg/m<sup>3</sup> synthetic

80-56-8 TWA: 20 ppm - -

Beta Pinene

127-91-3 TWA: 20 ppm - -

Citral  
5392-40-5 3-Carene

TWA: 5 ppm inhalable fraction and vapor  
S\*\* -

13466-78-9 TWA: 20 ppm - - NIOSH IDLH: Immediately Dangerous to Life or Health

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

#### Exposure controls

Showers

#### Engineering Measures

**protective equipment**  
Eyewash stations Ventilation systems.

#### Individual protection measures, such as personal

**Eye/Face Protection** Tightly fitting safety goggles. Face-shield. **Skin and body protection** Chemical resistant apron.

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

#### Respiratory protection

respiratory protection should be worn. Positive-pressure supplied air respirators may

**Hygiene measures** When using do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Provide regular cleaning of equipment, work area and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information On Basic Physical And Chemical Properties

**Physical State @20°C** Liquid

**Appearance** Clear Light Green - Yellow

**Odor** Characteristic

**Odor Threshold** No information available

**pH** No information available

**Melting point/range** No information available

**Freezing Point** No information available

**Initial Boiling Point** No information available

**Boiling point/boiling range** 410 °F / 210 °C

**Flash point** 156 °F / 69 °C

**Evaporation Rate VALUE (BuOAc=1) (Literature)** No information available

**Flammable Properties** Combustible liquid

**Flammability Limits in Air** No information available

**Explosive properties** No information available

**Oxidizing Properties** No information available

**Vapor Pressure @20°C (mmHg)** 0.171

**Vapor Density** No information available

**Specific Gravity** 0.9780

**Water Solubility** Insoluble in water

**solubility** No information available

**Partition coefficient:** No information available

**Autoignition temperature** No information available

**Decomposition Temperature °C** No information available

**Viscosity, dynamic** No information available

**Molecular Weight** No information available

## 10. STABILITY AND REACTIVITY

### Reactivity

Exothermic reaction

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to avoid

Heat, flames and sparks.

### Incompatible materials

None known based on information supplied.

### Hazardous decomposition products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

**Product Information** Product does not present an acute toxicity hazard based on known information **Inhalation** There is no data available for this product. **Eye contact** There is no data available for this product. **Skin contact** There is no data available for this product. **Ingestion** There is no data available for this product.

### Component Information

Toxicology data for the components

#### Chemical name LD50 Oral LD50 Dermal LC50 Inhalation

D-Limonene 5989-27-5 = 5200 mg/kg ( Rat ) = 4400 mg/kg ( Rat ) = 5300 mg/kg ( Rat ) = 13934 mg/kg ( Rat ) > 5 g/kg ( Rabbit ) -

Linalyl acetate

1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl acetate  
= 14550 mg/kg ( Rat ) > 5000 mg/kg ( Rabbit ) -

115-95-7

125-12-29050 mg/kg ( Rat ) 20000 mg/kg ( Rabbit ) -

4-tert-Butylcyclohexyl acetate

32210-23-45 g/kg - - Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl 1222-05-5

5000 mg/kg 5000 mg/kg -

Linalool

78-70-62780 mg/kg = 2000 mg/kg ( Rabbit ) = 5610 mg/kg ( Rat ) -

1-Phenylethyl acetate

93-92-55 g/kg 5 g/kg -

2-Methylundecanal

110-41-85 g/kg 10 g/kg -

2-Benzylideneoctanal

101-86-03100 mg/kg 3000 mg/kg -

Coumarin

91-64-5500 mg/kg - -

Benzyl benzoate

120-51-41500 mg/kg 4000 mg/kg - 4,7-Methano-1H-inden-6-ol, 3a,4,5,6,7,7a

hexahydro-, propanoate

5 g/kg 5 g/kg - 3000 mg/kg - -

17511-60-3

4,7-Methano-1H-inden-6-ol, 3a,4,5,6,7,7a hexahydro-, acetate

5413-60-5

3-(4-Isopropylphenyl)-2-methylpropanal

103-95-73810 mg/kg 5 g/kg -

1,8-Cineol

470-82-62480 mg/kg - -

Eugenol

97-53-02300 mg/kg - -

.alpha.-Pinene

80-56-83500 mg/kg 5000 mg/kg -

Myrcene

123-35-35 g/kg 5 g/kg -

3,7-Dimethylocta-2,6-dien-1-ol

106-24-13600 mg/kg 5001 mg/kg ( Rabbit ) -

Methyl eugenol

93-15-2810 mg/kg 2025 mg/kg - **Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.

**mutagenic effects** No information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

**Chemical name ACGIH IARC NTP OSHA**

Myrcene

123-35-3- 2B - -

Methyl eugenol

93-15-2- 2B Reasonably Anticipated - **IARC: (International Agency for Research on Cancer)**

Group 2B - Possibly Carcinogenic to Humans

**NTP: (National Toxicity Program)**

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

**Reproductive Toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Chronic toxicity** Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.

**Aspiration hazard** No information available.

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity** 1.4045% of the mixture consists of ingredient(s) of unknown toxicity **The following values are calculated based on chapter**

**3.1 of the GHS document .**

**ATEmix (oral)** 6833 mg/kg

**ATEmix (dermal)** 11783 mg/kg

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

3.3255% of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Chemical name Toxicity to algae Toxicity to fish Toxicity to daphnia and other aquatic invertebrates**

2-Propanol, 1,1'-oxybis

110-98-5- LC50: 5000 mg/L -

LC50: 35 mg/L 96h (Oncorhynchus mykiss)

D-Limonene

LC50: 0.619 - 0.796 mg/L 96h flow-through

5989-27-5- 1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl

(Pimephales promelas)

acetate

125-12-2- LC50: 10.0 - 18.0 mg/L -

4-tert-Butylcyclohexyl acetate

Linalool 78-70-6 1,8-Cineol 32210-23-4- LC50: 15.5 mg/L 48h EC50: 9.6 mg/L 24h  
 EC50: 88.3 mg/L 96h (Desmodesmus subspicatus) LC50: 22 - 46 mg/L 96h static (Leuciscus idus) EC50: 20 mg/L 48h  
 (Daphnia magna)

470-82-6- LC50: 95.4 - 109 mg/L 96h flow-through

.alpha.-Pinene (Pimephales promelas)<sup>7</sup>  
 80-56-8- LC50: 0.28 mg/L 96h static (Pimephales promelas) LC50: 41 mg/L 48h (Daphnia magna)

Hex-3-en-1-ol  
 928-96-1- LC50: 352 - 412 mg/L -  
 Thymol  
 89-83-8- LC50: 5 mg/L LC50: 3.2 mg/L -  
 EC50: 16 mg/L 72h (Desmodesmus subspicatus) EC50:  
 19 mg/L 96h (Desmodesmus subspicatus) LC50: 4.6 - 10 mg/L 96h static (Leuciscus idus) EC50: 7  
 5392-40-5 Hexan-1-ol mg/L 48h (Daphnia magna)

111-27-3- LC50: 144 mg/L LC50: 89.7 - 106 mg/L EC50: 201 mg/L **Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Chemical name log Pow**

1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl acetate

125-12-2<sup>3.5</sup>

Linalool

78-70-6<sup>2.84</sup> - 3.1

.alpha.-Pinene

80-56-8<sup>4.1</sup>

**Other adverse effects** No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment**

**Waste Disposal Methods** Dispose of in accordance with local regulations. **Contaminated packaging** Do not re-use empty containers.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

**Chemical name California Hazardous Waste Status**

D-Limonene

5989-27-5 Toxic

**14. TRANSPORT INFORMATION**

DOT

**BULK PACKAGING**

**NA Number** 1993

**Proper shipping name** Combustible liquid, n.o.s. (D-Limonene)

**Hazard Classification** 3

**Packing Group** III

**Reportable Quantity (RQ)** Please Refer to Appendix A to 49CFR 172.101 - List of Hazardous Substances and Reportable Quantities

DOT

**NON BULK PACKAGING**

**NA Number** 1993

**Proper shipping name** Combustible liquid, n.o.s. (D-Limonene)

**Hazard Classification** 3

**Packing Group** III

**Reportable Quantity (RQ)** Please Refer to Appendix A to 49CFR 172.101 - List of Hazardous Substances and Reportable Quantities

IMDG/IMO

**UN Number** 3082

**Proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (D-Limonene) **Hazard Classification** 9

**Packaging Group** III

**Marine pollutant** This product contains a chemical which is listed as a marine pollutant according to IMDG/IMO

**Reportable Quantity (RQ)** Please Refer to Appendix A to 49CFR 172.101 - List of Hazardous Substances and Reportable Quantities

MEX (SCT)

**UN Number** 3082

**Proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (D-Limonene) **Hazard Classification** 9

**Packaging Group** III

**Reportable Quantity (RQ)** Please Refer to Appendix A to 49CFR 172.101 - List of Hazardous Substances and Reportable Quantities

ICAO/IATA

**UN Number** 3082

**Proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (D-Limonene) **Hazard Classification** 9

**Packing Group** III

**Reportable Quantity (RQ)** Please Refer to Appendix A to 49CFR 172.101 - List of Hazardous Substances and Reportable Quantities

**TDG****UN Number** 3082**Proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (D-Limonene) **Hazard Classification** 9**Packaging Group** III**Reportable Quantity (RQ)** Please Refer to Appendix A to 49CFR 172.101 - List of Hazardous Substances and Reportable Quantities**RID****UN Number** 3082**Proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (D-Limonene) **Hazard Classification** 9**Packaging Group** III**ADR/RID****UN Number** 3082**Proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (D-Limonene) **Hazard Classification** 9**Packing Group** III**15. REGULATORY INFORMATION****International Inventories****TSCA** Complies**DSL/NDSL** Complies**EINECS/ELINCS** -**ENCS** Not determined**IECSC** Complies**KECL** Not determined**PICCS** Complies**AICS** Complies**Legend:****TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances**ENCS** - Japan Existing and New Chemical Substances**IECSC** - China Inventory of Existing Chemical Substances**KECL** - Korean Existing and Evaluated Chemical Substances**PICCS** - Philippines Inventory of Chemicals and Chemical Substances**AICS** - Australian Inventory of Chemical Substances**U.S. 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.

**SARA 311/312 Hazard Categories****Acute Health Hazard** Yes**Chronic Health Hazard** no**Fire Hazard** Yes**Sudden Release of Pressure Hazard** no**Reactive Hazard** no**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical name California Prop. 65

Myrcene

123-35-3Carcinogen

Methyl eugenol

93-15-2Carcinogen

**U.S. State Right-to-Know Regulations****Chemical name** New Jersey Massachusetts Pennsylvania

D-Limonene

5989-27-5X - -

.alpha.-Pinene

80-56-8X X X

Terpinolene

586-62-9X - -

Methyl eugenol

93-15-2X - - **U.S. EPA Label Information****EPA Pesticide Registration Number** Not applicable**16. OTHER INFORMATION****NFPA Health Hazard** 2 **Flammability** 2 **Instability** 0 **Physical and chemical hazards** -

HMIS Health Hazard 2 Flammability 2 Physical Hazard 0 Personal protection X Revision Date: 30-Nov-2018

**Revision Note**

No information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

This material has not been evaluated for safe use in e-cigarettes, therefore Ungerer & Company's position is that it is not intended to be used in this particular application

**End of Safety Data Sheet**