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# Palette Naturals®

## SAFETY DATA SHEET (In accordance with 29 CFR 1910.1200)

### FRUITY A

Safety Data Sheet prepared: January 2020

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## 1. IDENTIFICATION

### Product identifier

Mixture identification:

Trade name: FRUITY A

### Recommended use of the chemical and restrictions on use

Recommended use: Fragrance

Restrictions on use: Not for ingestion

### Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Company: Palette Naturals®  
25 NW 23rd Place, Suite 6 #397  
Portland, OR 97210  
Phone: (503)860-3112  
e-mail contact: info@palettenaturals.com

### Emergency telephone number

CHEMTREC 1800-424-9300 (USA), 1703-527-3887(OUTSIDE USA)

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## 2. HAZARD(S) IDENTIFICATION



### Classification of the chemical

Flam. Liq. 4	Combustible liquid
Skin Sens. 1B	May cause an allergic skin reaction.
Aquatic Acute 2	Toxic to aquatic life
Aquatic Chronic 2	Toxic to aquatic life with long lasting effects.

### Label elements

#### Pictograms and Signal Words



Warning

### Hazard statements

H227	Combustible liquid
H317	May cause an allergic skin reaction.
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects.

### Precautionary statements

P272	Contaminated work clothing should 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/...
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents/container in compliance with all regulations

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substances

Data not available

#### Mixtures

The composition of this proprietary blend is being withheld in compliance with the trade secret provisions of The Hazard Communication Standard (29 CFR 1910.1200(i)).

#### List of components

Qty	Name	Ident. Numb.	Classification	Registration Number
5-10 %	GAMMA-UNDECALACTONE	CAS:104-67-6 EC:203-225-4	Aquatic Chronic 3, H412; Aquatic Acute 3, H402	01-2119959333-34/-
1-5 %	LINALYL ACETATE	CAS:115-95-7 EC:204-116-4	Flam. Liq. 4, H227; Skin Irrit. 2, H315; Aquatic Acute 3, H402; Eye Irrit. 2B, H320; Skin Sens. 1B, H317	01-2119454789-19 / -
1-5 %	D-LIMONENE	CAS:5989-27-5 EC:227-813-5 Index:601-029-00-7	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1B, H317; Skin Irrit. 2, H315	01-2119529223-47 / -
1-5 %	BENZYL ACETATE	CAS:140-11-4 EC:205-399-7	Aquatic Chronic 3, H412; Aquatic Acute 2, H401	01-2119638272-42 / -
0.1-1 %	GERANIOL	CAS:106-24-1 EC:203-377-1	Skin Irrit. 2, H315; Eye Dam. 1, H318; Aquatic Acute 3, H402; Skin Sens. 1, H317	01-2119552430-49/-
0.1-1 %	CITRAL	CAS:5392-40-5 EC:226-394-6 Index:605-019-00-3	Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Aquatic Acute 2, H401; Skin Sens. 1, H317	01-2119462829-23 / -

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### 4. FIRST AID MEASURES

#### Description of first aid measures

In case of skin contact:

- Immediately take off all contaminated clothing.
- Remove contaminated clothing immediately and dispose off safely.

In case of eyes contact:

- Wash immediately with water.

In case of Ingestion:

- Do not induce vomiting, get medical attention showing the SDS and/or label.

In case of Inhalation:

- Remove person to fresh air and keep warm and at rest.

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

Data not available

#### Indication of any immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

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### 5. FIRE-FIGHTING MEASURES

#### Extinguishing media

Suitable extinguishing media:

- Water.
- Carbon dioxide (CO<sub>2</sub>).

#### Unsuitable extinguishing media:

None in particular.

#### Specific hazards arising from the chemical

- Do not inhale explosion and combustion gases.
- Burning produces heavy smoke.
- Hazardous combustion products: Data not available
- Explosive properties: Data not available
- Oxidizing properties: Data not available

#### Special protective equipment and precautions for fire-fighters

- Use suitable breathing apparatus .
- Collect contaminated fire extinguishing media separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

### Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sand

Wash with plenty of water.

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## 7. HANDLING AND STORAGE

### Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

### Conditions for safe storage, including any incompatibilities

Store in a tightly closed container in a cool, dry, well-ventilated area, Away from heat sources.

Storage temperature:

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### Community Occupational Exposure Limits (OEL)

Component	OEL Type	Country	Ceiling	Long Term mg/m <sup>3</sup>	Long Term ppm	Short Term mg/m <sup>3</sup>	Short Term ppm	Behaviour	Notes
BENZYL ACETATE	ACGIH						10		
CITRAL	ACGIH						5		

Appropriate engineering controls: Data not available

### Individual protection measures

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Data not available

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical State Liquid

Appearance and colour: Yellow

Odour: Conform

Odour threshold: Data not available

pH: Data not available

Melting point / freezing point: Data not available

Initial boiling point and boiling range: Data not available

Flash point: 92 °C (197.6 °F)

Evaporation rate: Data not available

Upper/lower flammability or explosive limits: Data not available

Vapour density: Data not available

Vapor Pressure (mm Hg @20°C): = 0.046

Relative density: 1.087 g/ml

Solubility in water: Data not available

Solubility in oil: Data not available  
Partition coefficient (n-octanol/water): Data not available  
Auto-ignition temperature: Data not available  
Decomposition temperature: Data not available  
Viscosity: Data not available  
Explosive properties: Data not available  
Oxidizing properties: Data not available  
Solid/gas flammability: Data not available  
Specific Gravity @20°C = 1.089  
Refractive Index @20°C = 1.446  
VOC (CARB method 310) %: 6.555

#### **Other information**

Substance Groups relevant properties Data not available  
Miscibility: Data not available  
Fat Solubility: Data not available  
Conductivity: Data not available

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## **10. STABILITY AND REACTIVITY**

### **Reactivity**

Stable under normal conditions

### **Chemical stability**

Data not Available.

### **Possibility of hazardous reactions**

None.

### **Conditions to avoid**

Stable under normal conditions.

### **Incompatible materials**

None in particular.

### **Hazardous decomposition products**

None.

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## **11. TOXICOLOGICAL INFORMATION**

### **Information on toxicological effects**

#### **Toxicological Information of the Preparation**

a) acute toxicity	not classified Based on available data, the classification criteria are not met
b) skin corrosion/irritation	not classified Based on available data, the classification criteria are not met
c) serious eye damage/irritation	not classified Based on available data, the classification criteria are not met
d) respiratory or skin sensitisation	The product is classified: Skin Sens. 1B(H317)
e) germ cell mutagenicity	not classified Based on available data, the classification criteria are not met
f) carcinogenicity	not classified Based on available data, the classification criteria are not met
g) reproductive toxicity	not classified Based on available data, the classification criteria are not met
h) STOT-single exposure	not classified Based on available data, the classification criteria are not met
i) STOT-repeated exposure	not classified Based on available data, the classification criteria are not met
j) aspiration hazard	not classified Based on available data, the classification criteria are not met

#### **Toxicological information on main components of the mixture:**

GAMMA-UNDECALACTONE	LD50 Oral Rat = 18500 mg/kg
LINALYL ACETATE	LD50 Oral Rat = 13934 mg/kg

D-LIMONENE	LD50 Oral Rat = 4400 mg/kg LD50 Skin Rabbit > 2000 mg/kg
BENZYL ACETATE	LD50 Oral Rat = 2490 mg/kg LD50 Skin Rabbit > 5 g/kg
GERANIOL	LD50 Oral Rat = 3600 mg/kg LD50 Skin Rabbit > 5000 mg/kg
CITRAL	LD50 Oral Rat = 4950 mg/kg LD50 Skin Rabbit = 2250 mg/kg LD50 Skin Rat > 2000 mg/kg

**Substance(s) listed on the IARC Monographs:**

None

**Substance(s) listed as OSHA Carcinogen(s):**

None

**Substance(s) listed as NIOSH Carcinogen(s):**

None

**Substance(s) listed on the NTP report on Carcinogens:**

D-LIMONENE  
BENZYL ACETATE  
CITRAL

## 12. ECOLOGICAL INFORMATION

### Toxicity

No ecological studies have been conducted on this mixture.

Eco-Toxicological Information:

### List of Eco-Toxicological properties of the product

The product is classified: Aquatic Acute 2(H401), Aquatic Chronic 2(H411)

### List of Eco-Toxicological properties of the components

Component	Ident. Numb.	Ecotox Data
D-LIMONENE	CAS: 5989-27-5 - EINECS: 227-813-5 - INDEX: 601-029-00-7	LC50 Fish Pimephales promelas = 0.619 mg/L 96 Hr - flow-through 0.619-0.796  LC50 Fish Oncorhynchus mykiss = 35 mg/L 96 Hr EC50 Daphnia 69.90000 mg/L 48h
CITRAL	CAS: 5392-40-5 - EINECS: 226-394-6 - INDEX: 605-019-00-3	EC50 Daphnia Daphnia magna = 7 mg/L 48 Hr  EC50 Algae Desmodesmus subspicatus = 16 mg/L 72H LC50 Fish Leuciscus idus = 4.6 mg/L 96 Hr - static 4.6-10

### Persistence and degradability

Data not available

### Bioaccumulative potential

Data not available

### Mobility in soil

Data not available

### Other adverse effects

Data not available

## 13. DISPOSAL CONSIDERATIONS

## Waste treatment methods

Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environmental agency for specific rules). Do not dump into sewers, any body of water or onto the ground.

Recover if possible. In so doing, comply with the local and national regulations currently in force.

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## 14. TRANSPORT INFORMATION

### UN number

ADR-UN number: 3082

DOT-UN Number: N/A

IATA-Un number: 3082

IMDG-Un number: 3082

### UN proper shipping name

ADR-Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (D-LIMONENE - ALLYL HEXANOATE)

DOT Proper Shipping Name: N/A

IATA-Technical name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (D-LIMONENE - ALLYL HEXANOATE)

IMDG Technical Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (D-LIMONENE - ALLYL HEXANOATE)

### Transport hazard class(es)

ADR-Class: 9

DOT Hazard Class: N/A

IATA-Class: 9

IMDG-Class: 9

### Packing group

ADR-Packing Group: III

ADR exempt: N/A

IATA-Packing group: III

IMDG-Packing group: III

### Environmental hazards

Marine pollutant: Yes

Most important toxic component: D-LIMONENE

### Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Data not available

### Special precautions

\*Note: In containers of 119 gallons or less, this product is not regulated by D.O.T. - Ground Transportation

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## 15. REGULATORY INFORMATION

### USA - State specific regulations

#### California Proposition 65

#### Substance(s) listed under California Proposition 65:

no substances listed

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## 16. OTHER INFORMATION

Safety Data Sheet prepared: January 2020

The information contained in this SDS was obtained from current and reputable sources available at the time of generation. This information is provided as guidance regarding the health and safety assessment of the material for safe handling, use, processing, storage, transportation, disposal and release and without any warranty, expressed or implied regarding its accuracy. It is the user's responsibility to assess safe conditions of use of the material in combination with any other material or in any process.

### Additional classification information

This SDS cancels and supercedes any prior release.



HMIS Health: 0 = Minimal Hazard

HMIS Flammability: 2 = Combustible liquid

HMIS Reactivity: 0 = Minimal Hazard

HMIS P.P.E.: Safety glasses, gloves

NFPA Health: 0 = MINIMAL

NFPA Flammability: 3 = Flammable liquid

NFPA Reactivity: 0 = MINIMAL

NFPA Special Risk: NONE

OSHA Flammability: Combustible liquid - Class IIIA