

# Palette Naturals®

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

### INCENSE

Safety Data Sheet generated: 8/2/2017

## 1. IDENTIFICATION

### Product identifier

Mixture identification:

Trade name: INCENSE

### Other means of identification:

Trade code: Palette Naturals® 100% natural perfumery blending accords

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

Recommended use: Intended to be used in the manufacture of products for consumers.

Restrictions on use: Data not available

### 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

USA: 1-800-222-1222

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

## 2. HAZARD(S) IDENTIFICATION



### Classification of the chemical

#### Classification of the chemical

Eye Irrit. 2A	Causes serious eye irritation.
Skin Sens. 1A	May cause an allergic skin reaction.
STOT RE 1	Causes damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
Aquatic Acute 3	Harmful to aquatic life
Aquatic Chronic 3	Harmful to aquatic life with long lasting effects.

### Label elements

#### Symbols:



Danger

Code	Description
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H372	Causes damage to organs through prolonged or repeated exposure .
H402	Harmful to aquatic life
H412	Harmful to aquatic life with long lasting effects.
Code	Description
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water/...

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P314 Get medical advice/attention if you feel unwell.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

**Ingredient(s) with unknown acute toxicity:**

None

**Hazards not otherwise classified identified during the classification process:**

None

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Substances**

Data not available

**Mixtures**

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

**List of components**

Qty	Name	Ident. Numb.	Classification	Registration Number
1-5 %	VANILLIN	CAS:121-33-5 EC:204-465-2	Eye Irrit. 2A, H319	
1-5 %	BENZOIC ACID	CAS:65-85-0 EC:200-618-2	Eye Dam. 1, H318; Aquatic Acute 3, H402; Skin Irrit. 2, H315; STOT RE 1, H372	
1-5 %	ALPHA-PINENE	CAS:80-56-8 EC:201-291-9	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
0.1-1 %	ISOEUGENOL	CAS:97-54-1 EC:202-590-7	Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1A, H317	

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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.
- After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

- After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.
- Protect uninjured eye.

In case of Ingestion:

- Do not induce vomiting, get medical attention showing the MSDS and label hazardous.

In case of Inhalation:

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

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

Eye irritation

Eye damages

**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 water 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: Data not available

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/m3	Long Term ppm	Short Term mg/m3	Short Term ppm
ALPHA-PINENE	ACGIH						20

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: & Dark Yellow  
Odor: 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: > 93°C / 200°F  
Evaporation rate: Data not available  
Upper/lower flammability or explosive limits: Data not available  
Vapour density: Data not available  
Vapour pressure: Data not available  
Relative density: 1.13 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 = 1.1330  
Refractive Index = 1.4718

#### 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 mixture:

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

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

VANILLIN	LD50 Oral Rat = 1580mg/kg LD50 Skin Rabbit > 5010mg/kg
BENZOIC ACID	LD50 Oral Rat = 1700mg/kg
ALPHA-PINENE	LD50 Oral Rat = 2100mg/kg LD50 Skin Rat > 5000mg/kg
ISOEUGENOL	LD50 Oral Rat = 1560mg/kg

If not differently specified, the information required in the regulation and listed below must be considered as N.A.

- a) acute toxicity
- b) skin corrosion/irritation
- c) serious eye damage/irritation
- d) respiratory or skin sensitisation
- e) germ cell mutagenicity
- f) carcinogenicity
- g) reproductive toxicity
- h) STOT-single exposure
- i) STOT-repeated exposure
- j) aspiration hazard

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:**

ISOEUGENOL

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## 12. ECOLOGICAL INFORMATION

### Toxicity

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

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

Quantity	Component	Ident. Numb.	Ecotox Data
1-5 %	VANILLIN	CAS: 121-33-5 - EINECS: 204-465-2	EC50 Daphnia Daphnia magna= 180mg/L 24 Hr  LC50 Fish Pimephales promelas= 53mg/L 96 Hr flow-through 53-61.
1-5 %	BENZOIC ACID	CAS: 65-85-0 - EINECS: 200-618-2	EC50 Daphnia Daphnia magna= 300mg/L 24 Hr  EC50 Algae Anabaena inaequalis= 5mg/L 3 Hr EC50 Daphnia Daphnia magna= 860mg/L 48 Hr Static LC50 Fish Gambusia affinis= 180mg/L 96 Hr
1-5 %	ALPHA-PINENE	CAS: 80-56-8 - EINECS: 201-291-9	LC50 Daphnia Daphnia magna= 41mg/L 48 Hr  LC50 Fish Pimephales promelas= 0.28mg/L 96 Hr static

### Persistence and degradability

Data not available

### Bioaccumulative potential

Data not available

### Mobility in soil

Data not available

### Other adverse effects

Data not available

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## 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. Send to authorised disposal plants or for incineration under controlled conditions. 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: N/A

DOT-UN Number: N/A

IATA-Un number: N/A

IMDG-Un number: N/A

### UN proper shipping name

ADR-Shipping Name: N/A

DOT Proper Shipping Name: N/A

IATA-Technical name: N/A

IMDG Technical Name: N/A

### Transport hazard class(es)

ADR-Class: N/A

DOT Hazard Class: N/A

IATA-Class: N/A

IMDG-Class: N/A

### Packing group

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ADR-Packing Group: N/A  
ADR exempt: N/A  
IATA-Packing group: N/A  
IMDG-Packing group: N/A

**Environmental hazards**

Marine pollutant: No  
Environmental Pollutant: Data not available

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

Data not available

**Special precautions**

Department of Transportation (DOT):

DOT-Special Provision(s): N/A  
DOT Label(s): N/A  
DOT Symbol: N/A  
DOT Cargo Aircraft: N/A  
DOT Passenger Aircraft: N/A  
DOT Bulk: N/A  
DOT Non-Bulk: N/A

Road and Rail (ADR-RID):

ADR-Label: N/A  
ADR - Hazard identification number: N/A  
ADR Tunnel Restriction Code: N/A

Air (IATA):

IATA-Passenger Aircraft: N/A  
IATA-Cargo Aircraft: N/A  
IATA-Label: N/A  
IATA-Subrisk: N/A  
IATA-Erg: N/A  
IATA-Special Provisions: N/A

Sea (IMDG):

IMDG-Stowage Code: N/A  
IMDG-Stowage Note: N/A  
IMDG-Subrisk: N/A  
IMDG-Special Provisions: N/A  
IMDG-Page: N/A  
IMDG-Label: N/A  
IMDG-EMS: N/A  
IMDG-MFAG: N/A

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**15. REGULATORY INFORMATION**

**USA - Federal regulations**

**TSCA - Toxic Substances Control Act**

**TSCA inventory:**

All the components are listed on the TSCA inventory

**TSCA listed substances:**

VANILLIN	is listed in TSCA	8B, 8A, 8D
BENZOIC ACID	is listed in TSCA	8B
ALPHA-PINENE	is listed in TSCA	8B
ISOEUGENOL	is listed in TSCA	8B

**SARA - Superfund Amendments and Reauthorization Act**

**Section 302 - Extremely Hazardous Substances:**

no substances listed

**Section 304 - Hazardous substances:**

no substances listed

**Section 313 - Toxic chemical list:**

no substances listed

**CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act**

**Substance(s) listed under CERCLA:**

BENZOIC ACID

Reportable quantity: 5000 pounds

Reportable quantity for mixture: 200000 pounds

**CAA - Clean Air Act**

**CAA listed substances:**

no substances listed

**CWA - Clean Water Act**

**CWA listed substances:**

no substances listed

**USA - State specific regulations**

**California Proposition 65**

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

no substances listed

**Massachusetts Right to know**

**Substance(s) listed under Massachusetts Right to know:**

no substances listed

**Pennsylvania Right to know**

**Substance(s) listed under Pennsylvania Right to know:**

no substances listed

**New Jersey Right to know**

**Substance(s) listed under New Jersey Right to know:**

no substances listed

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**16. OTHER INFORMATION**

Code	Description
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H372	Causes damage to organs through prolonged or repeated exposure .
H400	Very toxic to aquatic life.
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Safety Data Sheet dated: 8/2/2017 - version 2

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.

This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

**Additional classification information**



HMIS Health: 0 = Minimal Hazard  
HMIS Flammability: 1 = SLIGHT  
HMIS Reactivity: 0 = Minimal Hazard  
HMIS P.P.E.: B = Safety Glasses + Gloves  
NFPA Health: 0 = No hazard.  
NFPA Flammability: 1 = Must be preheated before ignition can occur.  
NFPA Reactivity: 0 = Stable.  
NFPA Special Risk: NONE  
OSHA Flammability: Combustible liquid - Class IIIB

**Legend to abbreviations and acronyms used in the safety data sheet:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.  
IMDG: International Maritime Code for Dangerous Goods.  
IATA: International Air Transport Association.  
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).  
ICAO: International Civil Aviation Organization.  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.  
CLP: Classification, Labeling, Packaging.  
EINECS: European Inventory of Existing Commercial Chemical Substances.  
INCI: International Nomenclature of Cosmetic Ingredients.  
CAS: Chemical Abstracts Service (division of the American Chemical Society).  
GefStoffVO: Ordinance on Hazardous Substances, Germany.  
LC50: Lethal concentration, for 50 percent of test population.  
LD50: Lethal dose, for 50 percent of test population.  
DNEL: Derived No Effect Level.  
PNEC: Predicted No Effect Concentration.  
TLV: Threshold Limiting Value.  
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).  
STEL: Short Term Exposure limit.  
STOT: Specific Target Organ Toxicity.  
WGK: German Water Hazard Class.  
KSt: Explosion coefficient.  
y for the damage.