

# Safety Data Sheet

Product Name: VETIVER  
Product identifier: FRVET  
Revision Date: 10-09-2020  
Replaces:

## 1. Identification

Product identifier used on the label:

Product Name: VETIVER

Product identifier: FRVET

Other means of identification

Synonyms: No Data Available

Recommended use of the chemical and restrictions on use: Fragrance

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

Chemical Manufacturer /  
Importer / Distributor: P&J TRADING  
1313 CALLE AVANZADO  
SAN CLEMENTE, CA 92673

Emergency phone number: EMERGENCY PHONE: (800) 535-5053  
INFORMATION PHONE: 888-614-2112

**IF SWALLOWED CALL YOUR POISON  
CONTROL CENTER AT 1-800-222-1222**

## 2. Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard  
Symbols:



GHS Classification: Hazardous to the aquatic environment - Acute Category 1; Hazardous to the aquatic environment - Chronic Category 1; Skin Corrosion/Irritation Category 2; Reproductive Toxicity Category 2

GHS Signal Word: Warning

GHS Hazard Statements: Causes skin irritation.; May cause an allergic skin reaction.; Suspected of damaging fertility or the unborn child.; Very toxic to aquatic life.; Very toxic to aquatic life with long lasting effects.

GHS Precautionary Statements:

Safety Precautions: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling. Contaminated

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**First Aid Measures:** work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.  
IF ON SKIN: Wash with plenty of soap and water. IF exposed or concerned: Get medical advice/attention. If skin irritation occurs: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse. Collect spillage.

**Storage:** Store locked up.

**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

## 3. Composition/information on ingredients

Chemical Component:	CAS number and other unique identifiers	% (or range) of ingredient
Ethanone, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)-	54464-57-2	10 - 30
Ethanone, 1-[(3R,3aR,7R,8aS)-2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl]-	32388-55-9	3 - 7
Juniper, Juniperus Mexicana, ext.	68990-83-0	1 - 5
Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-	1222-05-5	1 - 5
Benzenepropanal, 4-(1,1-dimethylethyl)-.alpha.-methyl-	80-54-6	1 - 5
Cyclohexanol, 4-(1,1-dimethylethyl)-, 1-acetate	32210-23-4	0.1 - 1
2-Oxabicyclo[2.2.2]octane, 1,3,3-trimethyl-	470-82-6	0.1 - 1

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

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<b>Eye Contact:</b>	Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.
<b>Skin Contact:</b>	Wash with soap and water.
<b>Inhalation:</b>	This material does not present a hazard if inhaled. Remove individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure.
<b>Ingestion:</b>	No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.

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

**Most important symptoms/effects (Acute):** No Data Available

**Most important symptoms/effects (Delayed):** No Data Available

**Indication of immediate medical attention and special treatment needed, if necessary:** No additional first aid information available

## 5. Fire-fighting measures

**Suitable (and unsuitable) extinguishing media:**

**Suitable extinguishing media:** Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do Not direct a stream of water into the hot burning liquid.

**Unsuitable extinguishing media:** No Data Available

**Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products):**

**Flammability Summary:** Combustible at elevated temperatures

**Fire and/or Explosion Hazards:** Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

**Hazardous Combustion Products:** Carbon Oxides

**Special protective equipment and precautions for fire-fighters:** Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.

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## 6. Accidental release measures

**Personal precautions, protective equipment, and emergency procedures:** No health effects expected from the clean-up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section VIII of this MSDS

**Methods and materials for containment and cleaning up:** No special spill clean-up considerations. Collect and discard in regular trash.

## 7. Handling and storage

**Precautions for safe handling:** Mildly irritating material. Avoid unnecessary exposure.

**Conditions for safe storage, including any incompatibilities**

**Conditions for safe storage:** Store in a cool dry place. Isolate from incompatible materials.

**Materials to Avoid/Chemical Incompatibility:** Strong oxidizing agents

## 8. Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Chemical Component	ACGIH TLV-TWA	ACGIH STEL	OSHA PEL
No Data Available			

**Appropriate engineering controls:** No exposure limits exist for the constituents of this product. No engineering controls are likely to be required to maintain operator comfort under normal conditions of use.

### Individual protection measures, such as personal protective equipment:

**Respiratory Protection:** No respiratory protection required under normal conditions of use.

**Eye Protection:** No special requirements under normal industrial use.

**Skin Protection:** Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

**Gloves:** No information available

**Respiratory Protection:** No respiratory protection required under normal conditions of use.

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## 9. Physical and chemical properties

### Appearance (physical state, color, etc.):

Appearance (physical state):	Liquid
Color:	Very pale yellow
Odor:	Comparable to Standard
Odor threshold:	Not determined
pH:	Not Available
Initial Boiling Point and Boiling Range (°C):	No Data Available
Flash Point :	> 200 ° F
Evaporation Rate:	Not Available
Flammability (solid, gas):	No Data Available
Upper/lower flammability or explosive limits:	
Upper Flammable/Explosive Limit:	Not Available
Lower Flammable/Explosive Limit:	Not Available
Vapor Density:	> 1
Relative Density:	0.9413
Solubility(ies):	Soluble in water- No
Decomposition Temperature::	No Data Available
Viscosity:	No Data Available
Volatiles, % by weight	0.43
Volatile Organic Chemicals	No Data Available
Bulk Density	7.853

## 10. Stability and reactivity

Reactivity:	No Data Available
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	No Data Available
Conditions to avoid (e.g., static discharge, shock, or vibration):	Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Heat flame sparks Direct sources of heat..
Incompatible materials:	Strong oxidizing agents
Hazardous decomposition products:	Carbon Oxides

## 11. Toxicological information

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**Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):** No Data Available

**Symptoms related to the physical, chemical and toxicological characteristics:** No Data Available

**Target Organs Potentially Affected by Exposure:** No Data Available

**Chemical Interactions That Change Toxicity:** None Known

**Delayed and immediate effects and also chronic effects from short- and long-term exposure:**

**Immediate (Acute) Health Effects by Route of Exposure:**

**Inhalation Irritation:** No data.  
**Skin Contact:** No data.  
**Eye Contact:** No data.  
**Ingestion Irritation:** No Data Available

**Long-Term (Chronic) Health Effects:**

**Carcinogenicity:** None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC, or OSHA.

**Reproductive and Developmental Toxicity:** No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

**Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

**Numerical measures of toxicity (such as acute toxicity estimates)**  
**Component Toxicology Data**

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
No data available			

**Whether the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA**

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
No Data Available			

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## 12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available):

This material is not expected to be harmful to the ecology.

### Ecological Toxicity Data

Chemical Component	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No Data Available			

**Persistence and degradability:** No Data Available  
**Bioaccumulative potential:** No Data Available  
**Mobility in soil:** No Data Available  
**Other adverse effects (such as hazardous to the ozone layer):** No Data Available

## 13. Disposal considerations

**Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging**

**Description of waste residues:** Spent or discarded material is not expected to be a hazardous waste.

**Safe Handling of Waste:** No Data Available

**Waste treatment methods (including packaging):** DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the sole responsibility of the waste generator. As your supplier, we have no control over the management practices or manufacturing processes of parties handling or using this material. The information presented here pertains only to the product when used as intended, according to this MSDS. For unused and uncontaminated product, the preferred options include sending to a licensed and permitted incinerator or other thermal destruction device. Various federal, state or provincial agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be covered in this MSDS. The user shall have to review these regulations to ensure full compliance with all applicable regulations.

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## 14. Transport information

US DOT Ground Shipping Description: Not Restricted  
IATA Shipping Description: Not Restricted  
IMDG Shipping Description: Not Restricted

## 15. Regulatory information

### Safety, health and environmental regulations specific for the product in question

TSCA Status: All components in this product are on the TSCA Inventory.  
California Prop 65: Does not contain any chemicals listed on California Proposition 65.

### Regulated Components:

Chemical Component	CAS number and other unique identifiers	Regulation	% Range
None Listed		California Prop 65 Cancer	
None Listed		California Prop 65 Developmental	
None Listed		California Prop 65 Reproductive Female	
None Listed		California Prop 65 Reproductive Male	
None Listed		CERCLA	
None Listed		SARA 313	
None Listed		SARA EHS	

## 16. Other information, including date of preparation or last revision.

Revision Date: 10-09-2020  
Revision Number: 1  
Disclaimer: Important: While the descriptions, data and information contained herein are presented in good faith and believed to be



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accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you perform an assessment to determine the suitability of the product for your particular purpose prior to use. Nothing herein should be interpreted as a recommendation to infringe existing patents or violate any laws or regulations. No warranties of any kind, either expressed or implied, including fitness for a particular purpose are made regarding the product described. We assume NO responsibility for any injuries resulting from misuse or misapplication of this product or that might be sustained because of inhalation, ingestion, absorption or other contact with this product. In no case shall the descriptions, information, or data provided be considered a part of our terms and conditions of sale. Further, the descriptions, data and information furnished hereunder are given gratis. No obligation or liability for the description, data and information given are assumed. All such being given and accepted at your risk.