

Safety Data Sheet

Product Name: PLUMERIA

Product identifier: FRPLU

Revision Date: 04-07-2021

Replaces:

1. Identification

Product identifier used on the label:

Product Name: **PLUMERIA**

Product identifier: FRPLU

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: Skin Corrosion/Irritation Category 2; Serious Eye Damage/Eye Irritation Category 2A; Reproductive Toxicity Category 2; Hazardous to the aquatic environment - Acute Category 2; Hazardous to the aquatic environment - Chronic Category 2

GHS Signal Word: Warning

GHS Hazard Statements: Causes skin irritation.; May cause an allergic skin reaction.; Causes serious eye irritation.; Suspected of damaging fertility or the unborn child.; Toxic to aquatic life.; 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 work clothing should not be allowed out of the workplace. Avoid release to the

Safety Data Sheet

Product Name: PLUMERIA

Product identifier: FRPLU

Revision Date: 04-07-2021

Replaces:

First Aid Measures:

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

IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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. If eye irritation persists: 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.

Safety Data Sheet

Product Name: PLUMERIA

Product identifier: FRPLU

Revision Date: 04-07-2021

Replaces:

3. Composition/information on ingredients

| Chemical Component: | CAS number and other unique identifiers | % (or range) of ingredient |
|---|---|----------------------------|
| 3-Octanol, 3,7-dimethyl- | 78-69-3 | 10 - 30 |
| Benzoic acid, 2-hydroxy-, hexyl ester | 6259-76-3 | 7 - 15 |
| Acetic acid, phenylmethyl ester | 140-11-4 | 5 - 10 |
| Octanal, 2-(phenylmethylene)- | 101-86-0 | 5 - 10 |
| Heptanal, 2-(phenylmethylene)- | 122-40-7 | 1 - 5 |
| 7-Octen-2-ol, 2,6-dimethyl- | 18479-58-8 | 1 - 5 |
| Cyclohexanol, 2-(1,1-dimethylethyl)-, 1-acetate | 88-41-5 | 1 - 5 |
| 6-Octen-1-ol, 3,7-dimethyl- | 106-22-9 | 1 - 5 |
| Benzenepropanal, 4-(1,1-dimethylethyl)-.alpha.-methyl- | 80-54-6 | 1 - 5 |
| 1,6-Nonadien-3-ol, 3,7-dimethyl- | 10339-55-6 | 1 - 5 |
| CLOVE LEAF OIL - C-1800 | 8015-97-2 | 1 - 5 |
| 2-Phenylethanol | 60-12-8 | 1 - 5 |
| 4,7-Methano-1H-inden-6-ol, 3a,4,5,6,7,7a-hexahydro-, 6-propanoate | 17511-60-3 | 1 - 5 |
| 2,6-di-t-Butyl-p-cresol | 128-37-0 | 0.5 - 1.5 |
| Benzenemethanol, .alpha.-methyl-, 1-acetate | 93-92-5 | 0.5 - 1.5 |
| 2,6-Octadien-1-ol, 3,7-dimethyl-, (2E)- | 106-24-1 | 0.1 - 1 |
| 2-Nonynoic acid, methyl ester | 111-80-8 | 0.1 - 1 |
| 2-Buten-1-one, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)- | 57378-68-4 | 0.1 - 1 |
| 1,3-Benzodioxole-5-carboxaldehyde | 120-57-0 | 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:

Eye Contact: Immediately 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 and monitor the eye daily as advised by your physician.

Skin Contact: Wash with soap and water. Remove contaminated clothing and

Safety Data Sheet

Product Name: PLUMERIA

Product identifier: FRPLU

Revision Date: 04-07-2021

Replaces:

Inhalation: launder. Get medical attention if irritation develops or persists. Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately

Ingestion: Do not induce vomiting and seek medical attention immediately. Drink two glasses of water or milk to dilute. Provide medical care provider with this MSDS. Induce vomiting as a last measure. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis.

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, dry chemical, or water spray 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 fire. Do not direct a water stream directly 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 if preheated to temperatures above the flash point in the presence of a source of ignition.

Hazardous Combustion Products: Carbon Oxides, Carbon dioxide, Carbon monoxide, Toxic fumes., Toxic gases

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. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Use methods for the surrounding fire.

Safety Data Sheet

Product Name: PLUMERIA

Product identifier: FRPLU

Revision Date: 04-07-2021

Replaces:

6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures:

Methods and materials for containment and cleaning up:

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
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. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Avoid contact with material, avoid breathing dusts or fumes, use only in a well ventilated area. Do not get in eyes, on skin and clothing Use with adequate ventilation "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Wash thoroughly after handling

Conditions for safe storage, including any incompatibilities

Conditions for safe storage:

Store in a cool dry place. Isolate from incompatible materials. Limit quantity of material stored. Store in a tightly closed container Store in a cool dry place Keep away from heat, sparks, and flame Store in a cool place in original container and protect from sunlight Keep container closed when not in use Keep away from food and drinking water.

Materials to Avoid/Chemical Incompatibility:

Strong oxidizing agents Acid chlorides Acid anhydrides Strong acids Strong bases Acids Bases Reducing agents Oxidizing mineral acids Strong reducing agents Acetic anhydride Chlorinated compounds Metals Caustics (bases)

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. Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. Engineering controls must be designed to control vapor concentrations to below levels published in 29 CFR

Safety Data Sheet

Product Name: PLUMERIA

Product identifier: FRPLU

Revision Date: 04-07-2021

Replaces:

1910.1000. Facilities storing or using this material should be equipped with an eyewash and safety shower. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits

Individual protection measures, such as personal protective equipment:

Respiratory Protection:

Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator. A supplied air type respirator will be required. Respiratory protection may be required in addition to ventilation depending upon conditions of use.

Eye Protection:

Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available. Wear goggles and a Face shield

Skin Protection:

Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield

Gloves:

No information available

Respiratory Protection:

Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator. A supplied air type respirator will be required. Respiratory protection may be required in addition to ventilation depending upon conditions of use.

Other Protective Equipment:

Wear goggles and a Face shield. Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield

General Hygiene Conditions:

As with all chemicals, good industrial hygiene practices should be followed when handling this material. Avoid contact with material, avoid breathing dusts or fumes, use only in a well ventilated area.

Safety Data Sheet

Product Name: PLUMERIA

Product identifier: FRPLU

Revision Date: 04-07-2021

Replaces:

Do not get in eyes, on skin and clothing Use with adequate ventilation "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Wash thoroughly after handling

9. Physical and chemical properties

Appearance (physical state, color, etc.):

| | |
|---|------------------------|
| Appearance (physical state): | Liquid |
| Color: | Clear |
| Odor: | Comparable to Standard |
| Odor threshold: | Not determined |
| pH: | Not Available |
| Melting Point/Freezing Point (°C): | -9 ° F |
| 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: | 0.9471 |
| Solubility(ies): | Soluble in water- No |
| Auto-ignition Temperature (°C): | 480 ° C |
| Decomposition Temperature:: | No Data Available |
| Viscosity: | No Data Available |
| Volatiles, % by weight | 15.47 |
| Volatile Organic Chemicals | No Data Available |
| Bulk Density | 7.903 |

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 open flames Contamination Elevated temperatures Visible light. |
| Incompatible materials: | Strong oxidizing agents Acid chlorides Acid anhydrides Strong acids Strong bases Acids Bases Reducing agents Oxidizing mineral acids Strong reducing agents Acetic anhydride Chlorinated compounds Metals Caustics (bases) |

Safety Data Sheet

Product Name: PLUMERIA

Product identifier: FRPLU

Revision Date: 04-07-2021

Replaces:

| | |
|--|---|
| Hazardous decomposition products: | Carbon Oxides Carbon dioxide Carbon monoxide Toxic fumes. Toxic gases |
|--|---|

11. Toxicological information

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Skin contact, Eye contact

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: Can cause respiratory irritation.

Skin Contact: Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

: No absorption hazard in normal industrial use.

Eye Contact: Contact with the eyes may cause moderate to severe eye injury. Eye contact may result in tearing and reddening, but not likely to permanently injure eye tissue. Temporary vision impairment (cloudy or blurred vision) is possible.

Ingestion Irritation: Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.

Ingestion Toxicity: Harmful if swallowed.

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. Possible reproductive hazard.

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

Inhalation: Upon prolonged and/or repeated exposure, can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. Harmful! Can cause systemic damage upon prolonged and/or repeated exposure (see "Target Organs")

Skin Contact: Upon prolonged or repeated contact, can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

Skin Absorption: Upon prolonged or repeated exposure, no hazard in normal industrial use.

Safety Data Sheet

Product Name: PLUMERIA

Product identifier: FRPLU

Revision Date: 04-07-2021

Replaces:

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 | | | |

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

Safety Data Sheet

Product Name: PLUMERIA

Product identifier: FRPLU

Revision Date: 04-07-2021

Replaces:

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.

14. Transport information

US DOT Ground Shipping Not Restricted

Description:

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 | |

Safety Data Sheet

Product Name: PLUMERIA

Product identifier: FRPLU

Revision Date: 04-07-2021

Replaces:

| | | | |
|-------------|--|----------|--|
| None Listed | | CERCLA | |
| None Listed | | SARA 313 | |
| None Listed | | SARA EHS | |

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

Revision Date: 04-07-2021

Revision Number: 4

Disclaimer: Important: While the descriptions, data and information contained herein are presented in good faith and believed to be 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.