

# Safety Data Sheet

Revision Date: 06-02-20

## I. IDENTIFICATION

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### Product identification used on label

**Product Name:** AZALEA  
**Product Identifier:** FRAZA  
**Recommended Use of the Chemical and restrictions on use:** Fragrance

**Company:** 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**

## II. HAZARD(S) IDENTIFICATION

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### 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; Hazardous to the aquatic environment - Acute Category 2; Hazardous to the aquatic environment - Chronic Category 2; Flammable Liquid Category 4

**GHS Signal Word:** Warning

**GHS Hazard:** Combustible Liquid; Causes skin irritation.; May cause an allergic skin reaction.; Causes serious eye irritation.; Toxic to aquatic life.; Toxic to aquatic life with long lasting effects.

### GHS Precautions:

**Safety Precautions:** Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

**First Aid Measures (Response):** 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. Specific treatment (see ... on this label). 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. In case of fire: Use extinguishing media listed in Section 5 of the SDS to extinguish. Collect spillage.

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**Storage:** Store in a well-ventilated place. Keep cool.  
**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

## III. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	%
4,7-Methano-1H-inden-6-ol, 3a,4,5,6,7,7a-hexahydro-, 6-propanoate	17511-60-3	10 - 30
7-Octen-2-ol, 2,6-dimethyl-	18479-58-8	10 - 30
2-Phenylethanol	60-12-8	3 - 7
1,6-Octadien-3-ol, 3,7-dimethyl-	78-70-6	3 - 7
1,6-Octadien-3-ol, 3,7-dimethyl-, 3-acetate	115-95-7	3 - 7
1,3-Benzodioxole-5-carboxaldehyde	120-57-0	1 - 5
Oils, grapefruit	8016-20-4	0.5 - 1.5
2,6-Octadien-1-ol, 3,7-dimethyl-, (2E)-	106-24-1	0.1 - 1
6-Octen-1-ol, 3,7-dimethyl-	106-22-9	0.1 - 1
2-Nonynoic acid, methyl ester	111-80-8	0.1 - 1
3-Cyclohexene-1-carboxaldehyde, 2,4-dimethyl-	68039-49-6	0.1 - 1

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

## IV. FIRST-AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.
<b>Eyes:</b>	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.
<b>Skin Contact:</b>	Wash with soap and water. Get medical attention if irritation develops or persists.
<b>Ingestion:</b>	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.
<b>Most important symptoms and effects - acute</b>	No Data Available
<b>Most important symptoms and effects - chronic</b>	No Data Available
<b>Notes to Doctor:</b>	No additional first aid information available

## V. FIRE FIGHTING MEASURES

<b>Flammability Summary:</b>	<b>Combustible</b>
<b>Extinguishing Media:</b>	Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray when fighting fires. Water or foam may cause frothing if liquid

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<b>Extinguishing Media advised against:</b>	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.
<b>Fire and/or Explosion Hazards:</b>	No Data Available
<b>Fire Fighting Methods and Protection:</b>	Material may be ignited if preheated to temperatures above the flash point in the presence of a source of ignition. Combustible Liquid. Can form explosive mixtures at temperatures at or above the flash point. Empty containers that retain product residue (liquid, solid/sludge, or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury or death. 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.
<b>Hazardous Combustion Products:</b>	Carbon Oxides, Carbon dioxide, Carbon monoxide

## VI. ACCIDENTAL RELEASE MEASURES

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<b>Personal Precautions and Equipment:</b>	No health affects 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
<b>Methods for Clean-up:</b>	No special spill clean-up considerations. Collect and discard in regular trash.

## VII. HANDLING AND STORAGE

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<b>Handling Technical Measures and Precautions:</b>	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.
<b>Storage Technical Measures and Conditions:</b>	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
<b>Materials to Avoid/Chemical Incompatibility:</b>	Oxidizing mineral acids Strong oxidizing agents Strong reducing agents Strong acids Strong bases

## VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

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<b>Engineering Measures:</b>	No exposure limits exist for the constituents of this product. General room ventilation might be required to maintain operator comfort under normal conditions of use. 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 1910.1000. Facilities storing or using this material should be equipped with an eyewash and safety shower.
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- Respiratory Protection:** No respiratory protection required under normal conditions of use. Provide general room exhaust ventilation if symptoms of overexposure occur as explained Section III. A respirator is not normally required. 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 respiratory will be required.
- 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:** Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. 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
- Handling Instructions:** 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.

## Control Parameters:

### Chemical Name

No Data Available

### ACGIH TLV-TWA

No TLV

### ACGIH STEL

15 ppm STEL; 37 mg/m<sup>3</sup>  
STEL

### OSHA PEL

No PEL established

## IX. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid
<b>Color:</b>	Clear
<b>Odor:</b>	Comparable to Standard
<b>Odor Threshold:</b>	ND
<b>pH:</b>	Not Available
<b>Initial Boiling Point:</b>	230 ° F
<b>Flash Point:</b>	200° F
<b>Evaporation Rate:</b>	Not Available
<b>Flammability (Solid, Gas):</b>	No Data Available
<b>Upper Flammable/Explosive Limit:</b>	Not Available
<b>Lower Flammable/Explosive Limit:</b>	Not Available
<b>Vapor Density:</b>	> 1
<b>Relative Density:</b>	1
<b>Solubility in Water:</b>	Soluble in water- No
<b>Octanol/Water Partition Coefficient:</b>	2.93 at 22 °C (72 °F) 3.1 8.94 at 25 °C 1.05
<b>Auto-ignition Temperature:</b>	259 ° C
<b>Volatiles, % by weight:</b>	28.66
<b>Volatiles, % by weight:</b>	28.66
<b>Bulk Density:</b>	125.525

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## X. STABILITY AND REACTIVITY

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<b>Reactivity:</b>	No Data Available
<b>Chemical Stability:</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions:</b>	No Data Available
<b>Conditions to Avoid:</b>	Temperatures above flash point in combination with sparks, open flames, or other sources of ignition. Heat sparks open flames flame Contamination Elevated temperatures Extremes of temperature direct sunlight
<b>Materials to Avoid/Chemical Incompatibility:</b>	Oxidizing mineral acids Strong oxidizing agents Strong reducing agents Strong acids Strong bases
<b>Hazardous Decomposition Products:</b>	Carbon Oxides Carbon dioxide Carbon monoxide

## XI. TOXICOLOGICAL INFORMATION

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<b>Routes of Entry:</b>	Skin contact, Eye contact
<b>Most Important</b>	No Data Available
<b>Symptoms:</b>	
<b>Chemical Interactions That Change Toxicity:</b>	No chemical interaction known to affect toxicity.

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

<b>Inhalation Irritation:</b>	Can cause respiratory irritation.
<b>Skin Contact:</b>	Can cause minor skin irritation.
<b>Skin Absorption:</b>	No absorption hazard in normal industrial use.
<b>Eye Contact:</b>	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.
<b>Ingestion Irritation:</b>	Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.
<b>Ingestion Toxicity:</b>	Harmful if swallowed.

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

<b>Carcinogenicity:</b>	None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC, or OSHA.
<b>Reproductive toxicity:</b>	No data available to indicate product or any components present at greater than 0.1% may cause birth defects. Possible reproductive hazard.
<b>Germ cell mutagenicity:</b>	No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
<b>Inhalation:</b>	Upon prolonged and/or repeated exposure, can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache.
<b>Skin Contact:</b>	Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.
<b>Skin Absorption:</b>	Upon prolonged or repeated exposure, no hazard in normal industrial use.

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## Component Toxicology Data:

Chemical Name	CAS Number	LD50/LC50
No data available	17511-60-3	
	18479-58-8	
	24851-98-7	
	60-12-8	
	5413-60-5	
	78-70-6	
	115-95-7	
	103-23-1	
	120-57-0	
	8016-20-4	
	140-11-4	
	88-41-5	
	14901-07-6	
	106-72-9	
	106-24-1	
	98-55-5	
	112-17-4	
	106-22-9	
	67674-46-8	
	2050-08-0	
	111-80-8	
	68608-32-2	
	68039-49-6	
	119-36-8	
	68917-29-3	
	103-54-8	
	93-58-3	
	928-96-1	
	105-95-3	
	103-05-9	
	705-86-2	
	151-05-3	
	21145-77-7	
	64-19-7	
	97-54-1	
	80-26-2	
	128-37-0	
	104-93-8	
	123-68-2	
	32210-23-4	
	118-58-1	
	122-63-4	

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4707-47-5  
 18479-51-1  
 1490-04-6  
 93-04-9  
 123-66-0  
 142-19-8

**Has the chemical been classified as a Carcinogen by NTP, IARC or OSHA.**

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
No Data Available			

## XII. ECOLOGICAL INFORMATION

**Overview:** This material is not expected to be harmful to the ecology.  
**Mobility in Soil:** No Data Available  
**Persistence:** No Data Available  
**Bioaccumulation:** No Data Available  
**Other adverse effects** No Data Available

### Ecotoxicity Data

Chemical Name	CAS Number	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No Data Available	17511-60-3			
	18479-58-8			
	24851-98-7			
	60-12-8			
	5413-60-5			
	78-70-6			
	115-95-7			
	103-23-1			
	120-57-0			
	8016-20-4			
	140-11-4			
	88-41-5			
	14901-07-6			
	106-72-9			
	106-24-1			
	98-55-5			
	112-17-4			
	106-22-9			
	67674-46-8			
	2050-08-0			
	111-80-8			
	68608-32-2			
	68039-49-6			
	119-36-8			
	68917-29-3			

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103-54-8  
93-58-3  
928-96-1  
105-95-3  
103-05-9  
705-86-2  
151-05-3  
21145-77-7  
64-19-7  
97-54-1  
80-26-2  
128-37-0  
104-93-8  
123-68-2  
32210-23-4  
118-58-1  
122-63-4  
4707-47-5  
18479-51-1  
1490-04-6  
93-04-9  
123-66-0  
142-19-8

## XIII. DISPOSAL CONSIDERATIONS

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**Waste Description for Spent Product:** Spent or discarded material may be a hazardous waste.

**Waste Description for Empty Packaging:** No Data Available

**Disposal Methods:** 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.

## XIV. TRANSPORTATION INFORMATION

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

## XV. REGULATORY INFORMATION

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**TSCA Status** All components in this product are on the TSCA Inventory.

<b>Chemical Name</b>	<b>CAS #</b>	<b>Regulation</b>	<b>% Range</b>
N590 Polycyclic aromatic compounds (PACs)	120-57-0	SARA 313	1 - 5

## XVI. OTHER INFORMATION

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**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.

# Safety Data Sheet

Revision Date: 09-11-20

## I. IDENTIFICATION

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### Product identification used on label

Product Name: FRESH CUT GRASS  
Product Identifier: FRFCG  
Recommended Use of the  
Chemical and restrictions on use: Fragrance

Company: 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**

## II. HAZARD(S) IDENTIFICATION

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

GHS  
Hazard  
Symbols:



**GHS Classification:** Hazardous to the aquatic environment - Acute Category 2; Hazardous to the aquatic environment - Chronic Category 2  
**GHS Signal Word:** Warning  
**GHS Hazard:** May cause an allergic skin reaction.; Toxic to aquatic life.; Toxic to aquatic life with long lasting effects.  
**GHS Precautions:**  
**Safety Precautions:** Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.  
**First Aid Measures (Response):** IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. Collect spillage.  
**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

## III. COMPOSITION/INFORMATION ON INGREDIENTS

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Chemical Name	CAS #	%
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FRESH CUT GRASS

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4,7-Methano-1H-inden-6-ol, 3a,4,5,6,7,7a-hexahydro-, 6-propanoate	17511-60-3	7 - 15
Octanal, 2-(phenylmethylene)-	101-86-0	3 - 7
Benzenepropanal, .alpha.-methyl-4-(1-methylethyl)-	103-95-7	1 - 5
3-Cyclohexene-1-carboxaldehyde, 2,4-dimethyl-	68039-49-6	1 - 5
Benzoic acid, 2-hydroxy-, pentyl ester	2050-08-0	0.5 - 1.5
Benzenepropanal, 4-methoxy-.alpha.-methyl-	5462-06-6	0.1 - 1
2-Propenal, 3-phenyl-	104-55-2	0.1 - 1
Cyclohexanemethanol, 4-(1-methylethyl)-, cis-	13828-37-0	0.1 - 1
2,6-Octadien-1-ol, 3,7-dimethyl-, (2E)-	106-24-1	0.1 - 1

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

## IV. FIRST-AID MEASURES

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<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>Eyes:</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>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.
<b>Most important symptoms and effects - acute</b>	No Data Available
<b>Most important symptoms and effects - chronic</b>	No Data Available
<b>Notes to Doctor:</b>	No additional first aid information available

## V. FIRE FIGHTING MEASURES

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<b>Flammability Summary:</b>	<b>Combustible at elevated temperatures</b>
<b>Extinguishing Media:</b>	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.
<b>Extinguishing Media advised against:</b>	No Data Available
<b>Fire and/or Explosion Hazards:</b>	Material may be ignited if preheated to temperatures above the flash point in the presence of a source of ignition.
<b>Fire Fighting Methods and Protection:</b>	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.
<b>Hazardous Combustion Products:</b>	Carbon Oxides

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## VI. ACCIDENTAL RELEASE MEASURES

**Personal Precautions and Equipment:** No health affects 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 for Clean-up:** No special spill clean-up considerations. Collect and discard in regular trash.

## VII. HANDLING AND STORAGE

**Handling Technical Measures and Precautions:** Mildly irritating material. Avoid unnecessary exposure.

**Storage Technical Measures and Conditions:** Store in a cool dry place. Isolate from incompatible materials.

**Materials to Avoid/Chemical Incompatibility:** Strong oxidizing agents Oxidizing mineral acids Strong reducing agents Strong bases

## VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Measures:** 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.

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

### Control Parameters:

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

## IX. PHYSICAL AND CHEMICAL PROPERTIES

**Color:** Clear

**Odor:** Comparable to Standard

**Odor Threshold:** ND

**pH:** Not Available

**Initial Boiling Point:** 345 - 349 ° F

**Flash Point:** > 200 ° F

**Evaporation Rate:** Not Available

**Flammability (Solid, Gas):** No Data Available

**Upper Flammable/Explosive Limit:** Not Available

**Lower Flammable/Explosive Limit:** Not Available

**Vapor Density:** > 1

**Relative Density (Specific Gravity):** Not Available

**Octanol/Water Partition Coefficient:** 8.94 at 25 °C 4.686

**Volatiles, % by weight:** 4.08

## X. STABILITY AND REACTIVITY

**Reactivity:** No Data Available

**Chemical Stability:** Stable under normal conditions.

**Possibility of Hazardous Reactions:** No Data Available

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**Conditions to Avoid:** Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Heat sparks open flames flame

**Materials to Avoid/Chemical Incompatibility:** Strong oxidizing agents Oxidizing mineral acids Strong reducing agents Strong bases

**Hazardous Decomposition Products:** Carbon Oxides

## XI. TOXICOLOGICAL INFORMATION

**Most Important Symptoms:** No Data Available

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

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

#### 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 toxicity:** No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

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

#### Component Toxicology Data:

Chemical Name	CAS Number	LD50/LC50
No data available		

#### Has the chemical been classified as a Carcinogen by NTP, IARC or OSHA.

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
No Data Available			

## XII. ECOLOGICAL INFORMATION

**Overview:** This material is not expected to be harmful to the ecology.

**Mobility in Soil:** No Data Available

**Persistence:** No Data Available

**Bioaccumulation:** No Data Available

**Other adverse effects** No Data Available

#### Ecotoxicity Data

Chemical Name	CAS Number	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No Data Available				

## XIII. DISPOSAL CONSIDERATIONS

**Waste Description for Spent Product:** Spent or discarded material is not expected to be a hazardous waste.

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**Waste Description for Empty Packaging:** No Data Available

**Disposal Methods:** 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.

## XIV. TRANSPORTATION INFORMATION

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

## XV. REGULATORY INFORMATION

**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.

Chemical Name	CAS #	Regulation	% Range
No 313-listed chemicals in this product		SARA 313	

## XVI. OTHER INFORMATION

**Revision Date:** 09-11-2020

**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.

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## HONEY

Version number: GHS 1.0

Date of compilation: 2020-10-22

### SECTION 1: Identification

#### 1.1 Product identifier

Trade name **HONEY**  
Alternative number(s) FR\_HNY

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

Relevant identified uses General use

#### 1.3 Details of the supplier of the safety data sheet

P&J Trading  
1317 Calle Avanzado  
San Clemente, CA 92673  
United States

Telephone: 888-614-2112

e-mail: [customerservice@pandjtrading.com](mailto:customerservice@pandjtrading.com)  
Website: <http://www.pandjtrading.com>

e-mail (competent person) [customerservice@pandjtrading.com](mailto:customerservice@pandjtrading.com)

#### 1.4 Emergency telephone number

Emergency information service (800) 535-5053  
This number is only available during the following  
office hours: Mon-Fri 08:00 AM - 05:00 PM

### SECTION 2: Hazard(s) identification

#### 2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)  
This mixture does not meet the criteria for classification.

#### 2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

- Signal word not required
- Pictograms not required

#### 2.3 Other hazards

There is no additional information.

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

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### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not relevant (mixture)

#### 3.2 Mixtures

Description of the mixture

IUPAC name	Identifier	Wt%	Classification acc. to GHS
(2E,6E)-2,6-dimethyl-10-methylidenedodeca-2,6,11-trienal; (2E,6E,9E)-2,6,10-trimethyldodeca-2,6,9,11-tetraenal; (4R)-1-methyl-4-(prop-1-en-2-yl)cyclohex-1-ene; 3,7-dimethylocta-1,6-dien-3-ol; 7-methyl-3-methylideneocta-1,6-diene; octanal	CAS No 93-08-3 8028-48-6	1 - < 5	Flam. Liq. 3 / H226
2-phenylethyl acetate	CAS No 60-12-8 103-45-7	1 - < 5	Acute Tox. 2 / H330

For full text of abbreviations: see SECTION 16.

### SECTION 4: First-aid measures

#### 4.1 Description of first-aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

#### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

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

none



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Date of compilation: 2020-10-22

### SECTION 5: Fire-fighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media

Water jet

#### 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

#### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

### SECTION 6: Accidental release measures

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

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

#### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

#### 6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

#### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

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

- Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

#### 7.3 Specific end use(s)

See section 16 for a general overview.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)											
Country	Name of substance	CAS No	Identifier	TWA [ppm]	TWA [mg/m <sup>3</sup> ]	STEL [ppm]	STEL [mg/m <sup>3</sup> ]	Ceiling-C [ppm]	Ceiling-C [mg/m <sup>3</sup> ]	Notation	Source
US	ethanoic acid phenylmethyl ester	140-11-4	PEL (CA)	10	61						Cal/ OSHA PEL
US	ethanoic acid phenylmethyl ester	140-11-4	TLV®	10							ACGIH® 2019

##### Notation

Ceiling-C

STEL

TWA

ceiling value is a limit value above which exposure should not occur

short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

#### 8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

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### Skin protection

#### - Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

#### - Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

### Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

Physical state	liquid
Color	VERY PALE YELLOW
Odor	Comparable to standard

#### Other safety parameters

pH (value)	not determined
Melting point/freezing point	not determined
Initial boiling point and boiling range	320 °F at 1,026 hPa
Flash point	201 °F
Evaporation rate	not determined
Flammability (solid, gas)	not relevant, (fluid)
Explosive limits	not determined
Vapor pressure	186.4 Pa at 25 °C
Density	0.9824 g/ml at 25 °C

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Vapor density	this information is not available
Solubility(ies)	not determined
Partition coefficient	
- n-octanol/water (log KOW)	this information is not available
Auto-ignition temperature	428 °F (auto-ignition temperature (liquids and gases))
Viscosity	not determined
Explosive properties	none
Oxidizing properties	none

### 9.2 Other information

Solvent content	97.85 %
Solid content	2.147 %
Temperature class (USA, acc. to NEC 500)	T2D (maximum permissible surface temperature on the equipment: 215°C)

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

### 10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

### 10.5 Incompatible materials

Oxidizers

### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

Test data are not available for the complete mixture.

##### Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

##### Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

This mixture does not meet the criteria for classification.

##### Acute toxicity

Shall not be classified as acutely toxic.

##### Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

##### Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

##### Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

##### Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

##### Carcinogenicity

Shall not be classified as carcinogenic.

##### Reproductive toxicity

Shall not be classified as a reproductive toxicant.

##### Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

##### Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

##### Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

### SECTION 12: Ecological information

#### 12.1 Toxicity

Very toxic to aquatic life with long lasting effects.

#### 12.2 Persistence and degradability

Data are not available.

#### 12.3 Bioaccumulative potential

Data are not available.

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### 12.4 Mobility in soil

Data are not available.

### 12.5 Results of PBT and vPvB assessment

Data are not available.

### 12.6 Other adverse effects

Data are not available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Only packagings which are approved (e.g. acc. to DOT) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

#### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

## SECTION 14: Transport information

14.1	<b>UN number</b>	3082
14.2	<b>UN proper shipping name</b>	Environmentally hazardous substance, liquid, n.o.s.
	Technical name (hazardous ingredients)	DIOCTYL ADIPATE, HEXENYL SALICYLATE CIS -3
14.3	<b>Transport hazard class(es)</b>	
	Class	9 (environmentally hazardous)
14.4	<b>Packing group</b>	III (substance presenting low danger)
14.5	<b>Environmental hazards</b>	hazardous to the aquatic environment
	Environmentally hazardous substance (aquatic environment)	DIOCTYL ADIPATE, HEXENYL SALICYLATE CIS -3
14.6	<b>Special precautions for user</b>	
	There is no additional information.	
14.7	<b>Transport in bulk according to Annex II of MARPOL and the IBC Code</b>	
	The cargo is not intended to be carried in bulk.	

### Information for each of the UN Model Regulations

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### Transport of dangerous goods by road or rail (49 CFR US DOT)

Index number	3082
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s.
- Particulars in the shipper's declaration	UN3082, Environmentally hazardous substance, liquid, n.o.s., (contains: DIOCTYL ADIPATE, HEXENYL SALICYLATE CIS -3), 9, III
Class	9
Packing group	III
Danger label(s)	9, fish and tree



Environmental hazards	yes (hazardous to the aquatic environment)
Special provisions (SP)	8, 146, 173, 335, IB3, T4, TP1, TP29
ERG No	171

### International Maritime Dangerous Goods Code (IMDG)

UN number	3082
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Class	9
Marine pollutant	yes (hazardous to the aquatic environment)
Packing group	III
Danger label(s)	9, fish and tree



Special provisions (SP)	274, 335, 969
Excepted quantities (EQ)	E1
Limited quantities (LQ)	5 L
EmS	F-A, S-F
Stowage category	A

### International Civil Aviation Organization (ICAO-IATA/DGR)

UN number	3082
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s.
Class	9
Environmental hazards	yes (hazardous to the aquatic environment)
Packing group	III

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Danger label(s) 9, fish and tree



Special provisions (SP) A97, A158, A197

Excepted quantities (EQ) E1

Limited quantities (LQ) 30 kg

### SECTION 15: Regulatory information

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

##### National regulations (United States)

##### Superfund Amendment and Reauthorization Act (SARA TITLE III )

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

- Specific Toxic Chemical Listings (EPCRA Section 313)

none of the ingredients are listed

##### Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

none of the ingredients are listed

##### Clean Air Act

none of the ingredients are listed

##### Right to Know Hazardous Substance List

- Toxic or Hazardous Substance List (MA-TURA)

none of the ingredients are listed

- Hazardous Substance List (RI-RTK)

none of the ingredients are listed

##### California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

none of the ingredients are listed

##### Industry or sector specific available guidance(s)

##### NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.



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Category	Rating	Description
Chronic	/	none
Health	0	no significant risk to health
Flammability	1	material that must be preheated before ignition can occur
Physical hazard	0	material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Personal protection	-	

### NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

Category	Degree of hazard	Description
Flammability	1	material that must be preheated before ignition can occur
Health	0	material that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

### 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

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

### Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
49 CFR US DOT	49 CFR U.S. Department of Transportation
ACGIH® 2019	From ACGIH®, 2019 TLVs® and BEIs® Book. Copyright 2019. Reprinted with permission. Information on the proper use of the TLVs® and BEIs®: <a href="http://www.acgih.org/tlv-bei-guidelines/policies-procedures-presentations/tlv-bei-position-statement">http://www.acgih.org/tlv-bei-guidelines/policies-procedures-presentations/tlv-bei-position-statement</a>
Acute Tox.	Acute toxicity
Cal/OSHA PEL	California Division of Occupational Safety and Health (Cal/OSHA): Permissible Exposure Limits (PELs)
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
Ceiling-C	Ceiling value
DGR	Dangerous Goods Regulations (see IATA/DGR)
DOT	Department of Transportation (USA)
EmS	Emergency Schedule

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Abbr.	Descriptions of used abbreviations
ERG No	Emergency Response Guidebook - Number
Flam. Liq.	Flammable liquid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
IUPAC	International Union of Pure and Applied Chemistry
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million
RTECS	Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information)
STEL	Short-term exposure limit
TLV®	Threshold Limit Values
TWA	Time-weighted average
vPvB	Very Persistent and very Bioaccumulative

### Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

### List of relevant phrases (code and full text as stated in chapter 2 and 3)

Code	Text
H226	Flammable liquid and vapor.
H330	Fatal if inhaled.

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## HONEY

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Date of compilation: 2020-10-22

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### **Disclaimer**

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

# Safety Data Sheet

Product Name: JELLY BEAN  
Product identifier: FRJEB  
Revision Date: 05-23-2020  
Replaces:

## 1. Identification

Product identifier used on the label:

Product Name: JELLY BEAN

Product identifier: FRJEB

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 2; Hazardous to the aquatic environment - Chronic Category 3; Flammable Liquid Category 4

GHS Signal Word: Warning

GHS Hazard Statements: Combustible Liquid; May cause an allergic skin reaction.; Toxic to aquatic life.; Harmful to aquatic life with long lasting effects.

GHS Precautionary Statements:

Safety Precautions: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

# Safety Data Sheet

Product Name: JELLY BEAN  
Product identifier: FRJEB  
Revision Date: 05-23-2020  
Replaces:

**First Aid Measures:** IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. In case of fire: Use extinguishing media listed in Section 5 of the SDS to extinguish.

**Storage:** Store in a well-ventilated place. Keep cool.

**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
γ-Undecalactone	104-67-6	3 - 7
Ethyl methylphenylglycidate	77-83-8	3 - 7
Cyclohexanol, 2-(1,1-dimethylethyl)-, 1-acetate	88-41-5	1 - 5
Ethanol	64-17-5	1 - 5
Acetic acid, phenylmethyl ester	140-11-4	1 - 5
2-Propenal, 3-phenyl-	104-55-2	1 - 5
Benzene carboxaldehyde	100-52-7	0.5 - 1.5
Benzaldehyde, 3-ethoxy-4-hydroxy-	121-32-4	0.5 - 1.5
Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-	1222-05-5	0.5 - 1.5
Benzaldehyde, 4-hydroxy-3-methoxy	121-33-5	0.5 - 1.5
Cyclohexanepropanoic acid, 2-propen-1-yl ester	2705-87-5	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:** 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.

**Skin Contact:** Wash with soap and water. Get medical attention if irritation develops or persists.

**Inhalation:** Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.

# Safety Data Sheet

Product Name: JELLY BEAN  
Product identifier: FRJEB  
Revision Date: 05-23-2020  
Replaces:

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**Ingestion:** Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. 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 extinguishing agents. Water may be ineffective but water spray can be used to extinguish a fire if swept across the base of the flames. Water can absorb heat and keep exposed material from being damaged by fire.

**Unsuitable extinguishing media:** No Data Available

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

**Flammability Summary:** Combustible

**Fire and/or Explosion Hazards:** Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back.

**Hazardous Combustion Products:** Carbon Oxides, Carbon dioxide, Carbon monoxide

**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. Flammable component(s) of this material may be lighter than water and burn while floating on the surface. Use methods for the surrounding fire.

# Safety Data Sheet

Product Name: JELLY BEAN  
 Product identifier: FRJEB  
 Revision Date: 05-23-2020  
 Replaces:

## 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. 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. Wash thoroughly after handling Do not get in eyes, on skin and clothing Ground and bond containers when transferring material Keep in air-tight containers- material is hygroscopic. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous.

### Conditions for safe storage, including any incompatibilities

**Conditions for safe storage:** Store in a cool dry place. Isolate from incompatible materials. Keep away from sources of ignition Store in a tightly closed container Do not store near combustible materials

**Materials to Avoid/Chemical Incompatibility:** Strong oxidizing agents Strong bases Acids Bases Reducing agents Strong reducing agents Allyl alcohol Aluminium Iron phenols Oxygen

## 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
Ethanol	1000 ppm TWA; 1880 mg/m <sup>3</sup> TWA		1000 ppm TWA; 1900 mg/m <sup>3</sup> TWA

**Appropriate engineering controls:** No exposure limits exist for the constituents of this product. General room ventilation might be required to maintain operator comfort under normal conditions of use. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits Facilities storing or using this

# Safety Data Sheet

Product Name: JELLY BEAN  
Product identifier: FRJEB  
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Replaces:

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material should be equipped with an eyewash and safety shower.

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

- Respiratory Protection:** No respiratory protection required under normal conditions of use. Provide general room exhaust ventilation if symptoms of overexposure occur as explained Section III. A respirator is not normally required. 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. 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. Do not wear contact lenses. Wear goggles and a Face shield
- Skin Protection:** Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. 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:** No respiratory protection required under normal conditions of use. Provide general room exhaust ventilation if symptoms of overexposure occur as explained Section III. A respirator is not normally required. 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. 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. Wash thoroughly after handling Do not get in eyes, on skin and clothing Ground and bond containers when transferring material Keep in air-tight containers- material is hygroscopic. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous.



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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 :	175 ° 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:	.9558
Solubility(ies):	Soluble in water- No
Auto-ignition Temperature (°C):	190 ° C
Decomposition Temperature::	223
Viscosity:	No Data Available
Volatiles, % by weight	16.7
Volatile Organic Chemicals	No Data Available
Bulk Density	7.978

## 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 flash point in combination with sparks, open flames, or other sources of ignition. Avoid moisture Heat flame sparks Light Contamination Elevated temperatures Contact with air. Direct sources of heat..
Incompatible materials:	Strong oxidizing agents Strong bases Acids Bases Reducing agents Strong reducing agents Allyl alcohol Aluminium Iron phenols Oxygen
Hazardous decomposition products:	Carbon Oxides Carbon dioxide Carbon monoxide

## 11. Toxicological information

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**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 minor skin irritation.

**Eye Contact:** Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.

**Ingestion Irritation:** Mildly irritating to mouth, throat, and stomach. Can cause abdominal discomfort.

**Ingestion Toxicity:**

### 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.

**Inhalation:** Upon prolonged and/or repeated exposure, can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache.

**Skin Contact:** Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.

### Numerical measures of toxicity (such as acute toxicity estimates)

#### Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
No data available			

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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 may 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

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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	
None Listed		CERCLA	
Phenoxy Ethyl Isobutyrate	103-60-6	SARA 313	1 - 5
None Listed		SARA EHS	

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

Revision Date: 05-23-2020

Revision Number:

Disclaimer:

1

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.

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## I. IDENTIFICATION

---

### Product identification used on label

Product Name: LILY  
Product Identifier: FRLIY  
Recommended Use of the Chemical and restrictions on use: Fragrance

Company: 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**

## II. 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:** 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 Precautions:**

**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 environment. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required.

**First Aid Measures (Response):** 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. Specific treatment (see ... on this label). 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

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**Storage:** contaminated clothing before reuse. Collect spillage.  
Store locked up.  
**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

## III. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	%
2-Phenylethanol	60-12-8	5 - 10
Octanal, 2-(phenylmethylene)-	101-86-0	5 - 10
Octanal, 7-hydroxy-3,7-dimethyl-	107-75-5	3 - 7
1,6-Octadien-3-ol, 3,7-dimethyl-	78-70-6	1 - 5
Acetic acid, phenylmethyl ester	140-11-4	1 - 5
3-Cyclohexene-1-carboxaldehyde, 4-(4-hydroxy-4-methylpentyl)-	31906-04-4	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
3-Cyclohexene-1-methanol, .alpha.,.alpha.,4-trimethyl-	98-55-5	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
1,4-Dioxacycloheptadecane-5,17-dione	105-95-3	0.5 - 1.5
Benzenepropanal, .alpha.-methyl-4-(1-methylethyl)-	103-95-7	0.1 - 1
2,6-Octadien-1-ol, 3,7-dimethyl-, (2E)-	106-24-1	0.1 - 1
2,6-Octadien-1-ol, 3,7-dimethyl-, 1-acetate, (2E)-	105-87-3	0.1 - 1

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

## IV. FIRST-AID MEASURES

**Inhalation:** Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.

**Eyes:** 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. Get medical attention if irritation develops or persists.

**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 and effects - acute** No Data Available

**Most important symptoms and effects - chronic** No Data Available

**Notes to Doctor:** No additional first aid information available

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## V. FIRE FIGHTING MEASURES

---

**Flammability Summary:**

**Extinguishing Media:**

**Combustible at elevated temperatures**

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.

**Extinguishing Media advised against:**

No Data Available

**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. Combustible Liquid. Can form explosive mixtures at temperatures at or above the flash point. Empty containers that retain product residue (liquid, solid/sludge, or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury or death.

**Fire Fighting Methods and Protection:**

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.

**Hazardous Combustion Products:**

Carbon Oxides, Carbon dioxide, Carbon monoxide

## VI. ACCIDENTAL RELEASE MEASURES

---

**Personal Precautions and Equipment:**

No health affects 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 for Clean-up:**

No special spill clean-up considerations. Collect and discard in regular trash.

## VII. HANDLING AND STORAGE

---

**Handling Technical Measures and Precautions:**

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.

**Storage Technical Measures and Conditions:**

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

**Materials to Avoid/Chemical Incompatibility:**

Strong oxidizing agents Strong bases Acids Bases Reducing agents

## VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

---

**Engineering Measures:**

No exposure limits exist for the constituents of this product. General room ventilation



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might be required to maintain operator comfort under normal conditions of use. 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 1910.1000. Facilities storing or using this material should be equipped with an eyewash and safety shower.

- Respiratory Protection:** No respiratory protection required under normal conditions of use. Provide general room exhaust ventilation if symptoms of overexposure occur as explained Section III. A respirator is not normally required. 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.
- 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:** Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. 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
- Handling Instructions:** 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.

## Control Parameters:

Chemical Name	ACGIH TLV-TWA	ACGIH STEL	OSHA PEL
No Data Available	No TLV		No PEL established

## IX. PHYSICAL AND CHEMICAL PROPERTIES

---

Physical State:	Liquid
Color:	Clear
Odor:	Comparable to Standard
Odor Threshold:	ND
pH:	Not Available
Initial Boiling Point:	345 - 349 ° F
Flash Point:	> 200 ° F
Evaporation Rate:	Not Available
Flammability (Solid, Gas):	No Data Available
Upper Flammable/Explosive Limit:	Not Available
Lower Flammable/Explosive Limit:	Not Available
Vapor Density:	> 1
Relative Density:	1
Solubility in Water:	Soluble in water- No

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Octanol/Water Partition Coefficient: 8.94 at 25 °C 4.686 3.1 = 3.41 at 20 degree C 4.3 log Kow = 2.98 5.3  
Volatiles, % by weight: 3.92  
Volatiles, % by weight: 3.92  
Bulk Density: 46.014

## X. STABILITY AND REACTIVITY

---

**Reactivity:** No Data Available  
**Chemical Stability:** Stable under normal conditions.  
**Possibility of Hazardous Reactions:** No Data Available  
**Conditions to Avoid:** Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Contamination Elevated temperatures Heat flame sparks Extremes of temperature direct sunlight Direct sources of heat.  
**Materials to Avoid/Chemical Incompatibility:** Strong oxidizing agents Strong bases Acids Bases Reducing agents  
**Hazardous Decomposition Products:** Carbon Oxides Carbon dioxide Carbon monoxide

## XI. TOXICOLOGICAL INFORMATION

---

**Routes of Entry:** Skin contact, Eye contact  
**Most Important:** No Data Available  
**Symptoms:**  
**Chemical Interactions That Change Toxicity:** No chemical interaction known to affect toxicity.

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

**Inhalation Irritation:** Can cause respiratory irritation.  
**Skin Contact:** Can cause minor skin irritation.  
**Skin Absorption:** 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 toxicity:** No data available to indicate product or any components present at greater than 0.1% may cause birth defects. Possible reproductive hazard.  
**Germ cell 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 minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache.  
**Skin Contact:** Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and

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dermatitis.

## Skin Absorption:

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

## Component Toxicology Data:

Chemical Name	CAS Number	LD50/LC50
No data available	103-23-1	
	60-12-8	
	101-86-0	
	107-75-5	
	122-63-4	
	78-70-6	
	140-11-4	
	31906-04-4	
	106-22-9	
	80-54-6	
	98-55-5	
	1222-05-5	
	103-48-0	
	105-95-3	
	97-53-0	
	110-27-0	
	2050-08-0	
	103-95-7	
	115-95-7	
	13254-34-7	
	103-53-7	
	93-92-5	
	105-87-3	
	106-24-1	
	24851-98-7	
	100-51-6	
	125109-85-5	
	120-72-9	
	112-43-6	
	103-45-7	
	107-74-4	
	150-84-5	
	1335-46-2	
	100-52-7	
	104-62-1	
	3681-71-8	
	928-96-1	

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Has the chemical been classified as a Carcinogen by NTP, IARC or OSHA.

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
No Data Available			

## XII. ECOLOGICAL INFORMATION

<b>Overview:</b>	This material is not expected to be harmful to the ecology.
<b>Mobility in Soil:</b>	No Data Available
<b>Persistence:</b>	No Data Available
<b>Bioaccumulation:</b>	No Data Available
<b>Other adverse effects</b>	No Data Available

### Ecotoxicity Data

Chemical Name	CAS Number	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No Data Available	103-23-1			
	60-12-8			
	101-86-0			
	107-75-5			
	122-63-4			
	78-70-6			
	140-11-4			
	31906-04-4			
	106-22-9			
	80-54-6			
	98-55-5			
	1222-05-5			
	103-48-0			
	105-95-3			
	97-53-0			
	110-27-0			
	2050-08-0			
	103-95-7			
	115-95-7			
	13254-34-7			
	103-53-7			
	93-92-5			
	105-87-3			
	106-24-1			
	24851-98-7			
	100-51-6			
	125109-85-5			
	120-72-9			
	112-43-6			
	103-45-7			
	107-74-4			
	150-84-5			
	1335-46-2			

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100-52-7  
104-62-1  
3681-71-8  
928-96-1

## XIII. DISPOSAL CONSIDERATIONS

---

**Waste Description for Spent Product:** Spent or discarded material is not expected to be a hazardous waste.  
**Waste Description for Empty Packaging:** No Data Available

**Disposal Methods:** 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.

## XIV. TRANSPORTATION INFORMATION

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

## XV. REGULATORY INFORMATION

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**TSCA Status** All components in this product are on the TSCA Inventory.

Chemical Name	CAS #	Regulation	% Range
No 313-listed chemicals in this product	103-23-1	SARA 313	30 - 60
	60-12-8		5 - 10
	101-86-0		3 - 7
	107-75-5		1 - 5
	122-63-4		0.5 - 1.5
	78-70-6		0.1 - 1
	140-11-4		0.01 - 0.1
	31906-04-4		
	106-22-9		
	80-54-6		
	98-55-5		

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1222-05-5  
103-48-0  
105-95-3  
97-53-0  
110-27-0  
2050-08-0  
103-95-7  
115-95-7  
13254-34-7  
103-53-7  
93-92-5  
105-87-3  
106-24-1  
24851-98-7  
100-51-6  
125109-85-5  
120-72-9  
112-43-6  
103-45-7  
107-74-4  
150-84-5  
1335-46-2  
100-52-7  
104-62-1  
3681-71-8  
928-96-1

## XVI. OTHER INFORMATION

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**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.

# Safety Data Sheet

Product Name: MARSHMALLOW  
Product identifier: FRMSH  
Revision Date: 08-09-2020  
Replaces:

## 1. Identification

Product identifier used on the label:

Product Name: MARSHMALLOW

Product identifier: FRMSH

Other means of identification

Synonyms: No Data Available  
Fragrance

Recommended use of the chemical and restrictions on use:

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 3  
GHS Signal Word: Warning  
GHS Hazard Statements: May cause an allergic skin reaction.; Harmful to aquatic life.  
GHS Precautionary Statements:

Safety Precautions: Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

First Aid Measures: IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Disposal: Dispose of contents/container in accordance with

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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
Benzaldehyde, 4-hydroxy-3-methoxy	121-33-5	3 - 7
Benzaldehyde, 3-ethoxy-4-hydroxy-	121-32-4	1 - 5
1,3-Benzodioxole-5-carboxaldehyde	120-57-0	1 - 5
Benzaldehyde, 4-methoxy-	123-11-5	0.5 - 1.5

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:** 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.

**Skin Contact:** Wash with soap and water.

**Inhalation:** 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.

**Ingestion:** 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:**



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**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.

## 6. Accidental release measures

**Personal precautions, protective equipment, and emergency procedures:** No health affects 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 Strong bases Strong reducing 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** No exposure limits exist for the constituents of this product. No

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**controls:** 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.

## 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:** Not Available  
**Solubility(ies):** Soluble in water- No  
**Auto-ignition Temperature (°C):** 225 ° C  
**Decomposition Temperature::** 284  
**Viscosity:** No Data Available  
**Volatiles, % by weight** 0.28  
**Volatile Organic Chemicals** No Data Available  
**Bulk Density** No Data Available

## 10. Stability and reactivity

**Reactivity:** No Data Available  
**Chemical stability:** Stable under normal conditions.  
**Possibility of hazardous reactions:** No Data Available

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**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. .

**Incompatible materials:** Strong oxidizing agents Strong bases Strong reducing agents

**Hazardous decomposition products:** Carbon Oxides

## 11. Toxicological information

**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			

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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 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

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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	
None Listed		CERCLA	
N590 Polycyclic aromatic compounds (PACs)	120-57-0	SARA 313	1 - 5
None Listed		SARA EHS	

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

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Disclaimer:

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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.