

# SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

**Product:** FRUIT SLICES

**Version:**

## Section 1. Identification

### Product Identifier

**Product identifier:** FRUIT SLICES

**Other identifiers:**

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

**Product uses:**

### Supplier Details

ocardenas@fragrancewest.com

**Company phone:** 818-781-2584

### Emergency telephone number

**Emergency phone:** 1-800-424-9300

## Section 2. Hazard(s) identification

### Classification

#### **OSHA Regulatory Status**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Class and category of danger:** Flammable Liquid, Hazard Category 3  
Skin Corrosion / Irritation Category 2

Sensitization - Skin Category 1

Aspiration Hazard Category 1

H226, Flammable liquid and vapour.

H304, May be fatal if swallowed and enters airways.

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

### Label elements

**Signal word:** Danger

**Hazard statements:** H226, Flammable liquid and vapour.  
H304, May be fatal if swallowed and enters airways.  
H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

**Precautionary statements:** P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

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P233, Keep container tightly closed.  
P240, Ground/bond container and receiving equipment.  
P241, Use explosion-proof electrical, ventilating and lighting equipment.  
P242, Use only non-sparking tools.  
P243, Take precautionary measures against static discharge.  
P261, Avoid breathing vapour or dust.  
P264, Wash hands and other contacted skin thoroughly after handling.  
P272, Contaminated work clothing should not be allowed out of the workplace.  
P280, Wear protective gloves/eye protection/face protection.  
P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P303/361/353, IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
P331, Do not induce vomiting.  
P333/313, If skin irritation or rash occurs: Get medical advice/attention.  
P362, Take off contaminated clothing and wash before reuse.  
P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.  
P403/235, Store in a well-ventilated place. Keep cool.  
P405, Store locked up.  
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Pictograms:**



**Other hazards:** None

## Section 3. Composition/information on ingredients

**Mixtures**

**Contains:**

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Name	CAS	%	GHS Classification
d-Limonene	5989-27-5	20-<50%	FL 3-SCI 2-SS 1B-AH 1;H226-H304-H315-H317
alpha-Hexylcinnamaldehyde	101-86-0	1-<5%	SS 1B;H317
Ethyl methylphenylglycidate	77-83-8	1-<5%	SS 1B;H317
Benzyl benzoate	120-51-4	1-<5%	ATO 4;H302
Myrcene (Natural Source)	123-35-3	0.1-<1%	FL 3-SCI 2-EDI 2A-AH 1;H226-H304-H315-H319
Allyl heptanoate	142-19-8	0.1-<1%	FL 4-ATO 3-ATD 3-ATI 3;H227-H301-H311-H331
alpha-Pinene	80-56-8	0.1-<1%	FL 3-SCI 2-SS 1B-AH 1;H226-H304-H315-H317
Citral	5392-40-5	0.1-<1%	FL 4-SCI 2-EDI 2A-SS 1B;H227-H315-H317-H319
Geranyl acetate	105-87-3	<0.1%	SCI 2-SS 1;H315-H317
Citronellal	106-23-0	<0.1%	FL 4-SCI 2-EDI 2A-SS 1;H227-H315-H317-H319
alpha-Phellandrene	99-83-2	<0.1%	FL 3-AH 1;H226-H304
dl-Limonene (racemic)	138-86-3	<0.1%	FL 3-SCI 2-SS 1B-AH 1;H226-H304-H315-H317

The exact percentage concentrations of components are being withheld as a trade secret.

### **Section 4. First-aid measures**

#### **Description of first aid measures**

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

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

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

#### **Indication of immediate medical attention and special treatment needed, if necessary**

Treat symptomatically

### **Section 5. Fire-fighting measures**

#### **Extinguishing media**

Suitable media: Carbon dioxide, Dry chemical, Foam.

#### **Specific hazards arising from the chemical**

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

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## **Protective Equipment and Precautions for Firefighters**

In case of insufficient ventilation, wear suitable respiratory equipment.

## **Section 6. Accidental release measures**

### **Personal precautions, protective equipment and emergency procedures:**

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

### **Methods and material for containment and cleaning up:**

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

## **Section 7. Handling and storage**

### **Precautions for safe handling:**

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

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

Ground/bond container and receiving equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

## **Section 8. Exposure controls/personal protection**

### **Control parameters**

#### **Exposure guidelines**

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

#### **Other exposure guidelines**

No information available

### **Exposure controls**

#### **Engineering measures**

Showers, eyewash stations, ventilation systems.

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

#### **Eye/Face and Skin Protection**

Wear protective gloves/eye protection/face protection, and suitable protective clothing

#### **Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations.

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Respiratory protection must be provided in accordance with current local regulations. A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

## Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

## Section 9. Physical and chemical properties

### Physical and chemical properties

<b>Appearance:</b>	Not determined
<b>Odour:</b>	Not determined
<b>Odour threshold:</b>	Not determined
<b>pH:</b>	Not determined
<b>Melting point / freezing point:</b>	Not determined
<b>Initial boiling point / range:</b>	Not determined
<b>Flash point:</b>	138 °F
<b>Evaporation rate:</b>	Not determined
<b>Flammability (solid, gas):</b>	Not determined
<b>Upper/lower flammability or explosive limits:</b>	Product does not present an explosion hazard
<b>Vapour pressure:</b>	Not determined
<b>Vapour density:</b>	Not determined
<b>Relative density:</b>	1.0018
<b>Solubility(ies):</b>	Not determined
<b>Partition coefficient: n-octanol/water:</b>	Not determined
<b>Auto-ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not determined
<b>Viscosity:</b>	Not determined
<b><u>Other information:</u></b>	None available

## Section 10. Stability and reactivity

### Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

### Chemical stability:

Good stability under normal storage conditions.

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**Possibility of hazardous reactions:**

Not expected under normal conditions of use.

**Conditions to avoid:**

Avoid extreme heat.

**Incompatible materials:**

Avoid contact with strong acids, alkalis or oxidising agents.

**Hazardous decomposition products:**

Not expected.

## **Section 11. Toxicological information**

### **Information on toxicological effects**

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in 29 CFR 1910.1200.

<b>Acute Toxicity:</b>	Based on available data the classification criteria are not met.
Acute Toxicity Oral	>5000
Acute Toxicity Dermal	>5000
Acute Toxicity Inhalation	Not Available
<b>Skin corrosion/irritation:</b>	Skin Corrosion / Irritation Category 2
<b>Serious eye damage/irritation:</b>	Based on available data the classification criteria are not met.
<b>Respiratory or skin sensitisation:</b>	Sensitization - Skin Category 1
<b>Germ cell mutagenicity:</b>	Based on available data the classification criteria are not met.
<b>Carcinogenicity:</b>	Based on available data the classification criteria are not met.
<b>Reproductive toxicity:</b>	Based on available data the classification criteria are not met.
<b>STOT-single exposure:</b>	Based on available data the classification criteria are not met.
<b>STOT-repeated exposure:</b>	Based on available data the classification criteria are not met.
<b>Aspiration hazard:</b>	

**Additional Information** None available

## **Section 12. Ecological information**

### **Ecotoxicity:**

Very toxic to aquatic life with long lasting effects.

**Persistence and degradability:** Not available

**Bioaccumulative potential:** Not available

**Mobility in soil:** Not available

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Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**Section 14. Transport information**

**UN number:** UN1169  
**UN Proper Shipping Name:** EXTRACTS, AROMATIC, LIQUID  
**Transport hazard class(es):** 3  
**Sub Risk:** -  
**Packing Group:** III  
**Environmental hazards:** This is an environmentally hazardous substance.  
**Special precautions for user:** None additional  
**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**  
 Not applicable

**Section 15. Regulatory information****Safety, health and environmental regulations/legislation specific for the substance or mixture**

None additional

**Additional information**

None additional

**Section 16. Other information****Concentration % Limits:** SCI 2=37.40% SS 1=3.74% AH 1=36.42%**Total Fractional Values:** SCI 2=2.67 SS 1=26.74 AH 1=2.75**Key to revisions:**

Information about hazardous ingredients in the mixture

SECTION 3: Composition/information on ingredients

**Key to abbreviations:**

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
ATD 3	Acute Toxicity - Dermal Category 3
ATI 3	Acute Toxicity - Inhalation Category 3
ATO 3	Acute Toxicity - Oral Category 3

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ATO 4	Acute Toxicity - Oral Category 4
EDI 2A	Eye Damage / Irritation Category 2A
FL 3	Flammable Liquid, Hazard Category 3
FL 4	Flammable Liquid, Hazard Category 4
H226	Flammable liquid and vapour.
H227	Combustible liquid.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P311	Call a POISON CENTRE or doctor/physician.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P361	Remove/Take off immediately all contaminated clothing.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.



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P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
SCI 2	Skin Corrosion / Irritation Category 2
SS 1	Sensitization - Skin Category 1
SS 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

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