

Version: 4 (06/27/2024)

## SAFETY DATA SHEET

In accordance with UN GHS latest edition

**Product:** FUJI APPLE F20786

Version: 4

### Section 1. Identification of the substance or the mixture and of the supplier

#### 1.1 Product Identifier

Product identifier: FUJI APPLE F20786(Contains: Ethyl methylphenylglycidate, METHYL HEPTINE CARBONATE)

Other identifiers: None

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

**Product uses:** Fragrances

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

Company name: Aromatic Fragrances International, Inc

Company address: 85 Wansley Drive SE

> Cartersville GA 30121 USA

Contact: Regulatory Affairs

E-Mail address: regulatory@afi-usa.com

Company phone: 770-334-3906 1.4 Emergency telephone number **Emergency phone:** 770-334-3906

## Section 2. Hazards identification

#### 2.1 Classification of the substance or mixture

Class and category of Flammable Liquid, Hazard Category 3

danger: Eye Damage / Irritation Category 2

> Hazardous to the Aquatic Environment - Acute Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2

H226, Flammable liquid and vapour. H317, May cause an allergic skin reaction.

H319, Causes serious eye irritation.

Sensitization - Skin Category 1

H411, Toxic to aquatic life with long lasting effects.

#### 2.2 Label elements

Signal word: Warning

**Hazard statements:** H226, Flammable liquid and vapour.

H317, May cause an allergic skin reaction.

H319, Causes serious eye irritation.

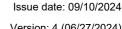
H411, Toxic to aquatic life with long lasting effects.

**Precautionary** 

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

statements: P233, Keep container tightly closed.







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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.

P273, Avoid release to the environment.

P280, Wear protective gloves/eye protection/face protection.

P303/361/353, IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333/313, If skin irritation or rash occurs: Get medical advice/attention.

P337/313, If eye irritation persists: Get medical advice/attention.

P363, Wash contaminated clothing before reuse.

P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.

P391, Collect spillage.

P403/235, Store in a well-ventilated place. Keep cool.

P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.





#### 2.3 Other hazards

Other hazards: None

## Section 3. Composition / information on ingredients

#### 3.2 Mixtures

## Contains:

Name	CAS	%	GHS Classification
Diethyl phthalate	84-66-2	20-<50%	Aquatic Acute 3;H402
Ethyl methylphenylglycidate	77-83-8	10-<20%	Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 2; H317-H411
1,3,4,6,7,8-Hexahydro- 4,6,6,7,8,8- hexamethylcyclopenta-gamma- 2-benzopyran	1222-05-5	5-<10%	Aquatic Acute 1-Aquatic Chronic 1;H410
Ethyl butyrate	105-54-4	5-<10%	Flam. Liq. 3-Eye Irrit. 2A;H226-H319





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gamma-Undecalactone	104-67-6	1-<5%	Aquatic Acute 3-Aquatic Chronic 3;H412	
Vanillin	121-33-5	1-<5%	Acute Tox. 5-Eye Irrit. 2A-Aquatic Acute 3;H303-H319-H402	
2-tert-Butylcyclohexyl acetate	88-41-5	1-<5%	Flam. Liq. 4-Acute Tox. 5-Aquatic Acute 2-Aquatic Chronic 2;H227-H303-H411	
I-Cyclocitronellene formate	25225-08-5	1-<5%	Flam. Liq. 4-Aquatic Acute 2-Aquatic Chronic 2;H227-H411	
alpha,alpha-Dimethylphenethyl butyrate	10094-34-5	1-<5%	Aquatic Acute 2-Aquatic Chronic 2;H411	
Ethyl maltol	4940-11-8	1-<5%	Acute Tox. 4-Aquatic Acute 2;H302-H401	
Ethyl acetate	141-78-6	1-<5%	Flam. Liq. 2-Eye Irrit. 2A-STOT SE 3;H225-H319-H3:	
Butylated hydroxytoluene	128-37-0	1-<5%	Aquatic Acute 1-Aquatic Chronic 1;H410	
METHYL HEPTINE CARBONATE	111-12-6	0.1-<1%	Skin Sens. 1A-Aquatic Acute 1-Aquatic Chronic 3; H317-H400-H412	
alpha-Hexylcinnamaldehyde	101-86-0	0.1-<1%	Acute Tox. 5-Skin Sens. 1B-Aquatic Acute 1-Aquatic Chronic 2;H303-H317-H400-H411	
d-Limonene	5989-27-5	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1- Aquatic Acute 1-Aquatic Chronic 3;H226-H304-H315- H317-H400-H412	
2,4-Dimethyl-3-cyclohexen-1- carboxaldehyde	68039-49-6	0.1-<1%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 2;H227-H303-H315-H317-H319-H411	

## Substances with workplace exposure limits, not listed above:

Not Applicable

#### Section 4. First-aid measures

## 4.1 Description of first aid measures

**Inhalation:** Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

**Eye exposure:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing.

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

water/shower.

**Ingestion:** Rinse mouth with water and obtain medical attention.

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

May cause an allergic skin reaction.

Causes serious eye irritation.

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

None expected, see Section 4.1 for further information.

#### **SECTION 5: Firefighting measures**

## 5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.



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

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

#### 5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

#### Section 6. Accidental release measures

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

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

#### 6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

#### 6.3 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.

#### 6.4 Reference to other sections:

Also refer to sections 8 and 13.

#### Section 7. Handling and storage

#### 7.1 Precautions for safe handling:

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

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

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

#### 7.3 Specific end use(s):

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

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

### 8.1 Control parameters

Workplace exposure limits: Not Applicable

#### **8.2 Exposure Controls**

#### **Eye / Skin Protection**

Wear protective gloves/eye protection/face protection

#### **Respiratory Protection**

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an





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approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

### Section 9. Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Appearance: Free flowing liquid without sediment

Odour:
Characteristic
Odour threshold:
Not determined
PH:
Not determined
Melting point / freezing point:
Not determined
Initial boiling point / range:
Not determined

Flash point: 49 °C

**Evaporation rate:** Not determined **Flammability (solid, gas):** Not determined

Upper/lower flammability or explosive limits: Product does not present an explosion hazard

Vapour pressure: Not determined Vapour density: Not determined Relative density: 1.0390 - 1.0490 Not determined Solubility(ies): Partition coefficient: n-octanol/water: Not determined **Auto-ignition temperature:** Not determined Not determined **Decomposition temperature: Viscosity:** Not determined **Explosive properties:** Not expected Oxidising properties: Not expected

9.2 Other information:

Refractive Index @ 20C: 1.4845 - 1.4945

Flash Point (Fahrenheit): 120 °F Calculated VOC: 7.70

Color Range: 2 Very Pale Yellow - 4 Pale Yellow

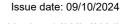
## Section 10. Stability and reactivity

#### 10.1 Reactivity:

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

## 10.2 Chemical stability:

Good stability under normal storage conditions.



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#### 10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

#### 10.4 Conditions to avoid:

Avoid extreme heat.

#### 10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

### 10.6 Hazardous decomposition products:

Not expected.

#### Section 11. Toxicological information

#### 11.1 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 UN GHS.

**Acute Toxicity:** Based on available data the classification criteria are not met.

>5000 Acute Toxicity Oral

**Acute Toxicity Dermal** Not Applicable Not Available Acute Toxicity Inhalation

Skin corrosion/irritation: Based on available data the classification criteria are not met.

Serious eye damage/irritation: Eye Damage / Irritation Category 2 Respiratory or skin sensitisation: Sensitization - Skin Category 1

Germ cell mutagenicity: Based on available data the classification criteria are not met. Carcinogenicity: Based on available data the classification criteria are not met. Reproductive toxicity: Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. STOT-single exposure: Based on available data the classification criteria are not met. STOT-repeated exposure: Based on available data the classification criteria are not met. **Aspiration hazard:** 

## Information about hazardous ingredients in the mixture

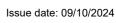
Ingredient	CAS	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
2-tert-Butylcyclohexyl acetate	88-41-5	4600	Not available	Not available	Not available
Ethyl maltol	4940-11-8	1200	Not available	Not available	Not available
Vanillin	121-33-5	3500	Not available	Not available	Not available

Refer to Sections 2 and 3 for additional information.

#### Section 12. Ecological information

#### 12.1 Toxicity:





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Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available
12.3 Bioaccumulative potential: Not available
12.4 Mobility in soil: Not available
12.5 Other adverse effects: Not available

### Section 13. Disposal considerations

#### 13.1 Waste treatment methods:

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**

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class (es):	Sub Risk:	14.4. Packing Group:
UN Model Regulations	UN1197	EXTRACTS, LIQUID	3	-	III
IMDG	UN1197	EXTRACTS, LIQUID (1,3,4,6,7,8- Hexahydro-4,6,6,7,8,8- hexamethylcyclopenta-gamma-2- benzopyran) MARINE POLLUTANT	3	-	III
ADR,RID,ADN	UN1197	EXTRACTS, LIQUID	3	-	III
ICAO TI	UN1197	EXTRACTS, LIQUID	3	-	III

14.5 Environmental hazards: This is classified as an environmentally hazardous substance under the UN

Model Regulations. This is classified as a Marine Pollutant under the IMDG

Code.

**14.6 Special precautions for user:** None additional

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

Not applicable

### **Section 15. Regulatory information**



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## **Essential Oil Components:**

Name	CAS	%
ORANGE OIL FLORIDA	8028-48-6	0.1-<1%
ORANGE OIL 10 X VALENCIA	8008-57-9	<0.1%

## Additional formulation properties

Name	CAS	%
Diethyl phthalate	84-66-2	20-<50%
Vanillin	121-33-5	1-<5%

## Components listed on California's SB312

Name	CAS	%
METHYL HEPTINE CARBONATE	111-12-6	0.1-<1%
HEXYL CINNAMIC ALDEHYDE ( R )	101-86-0	0.1-<1%
PHENIRAT	103-60-6	0.1-<1%
LINALOOL	78-70-6	0.1-<1%
BENZYL ALCOHOL (S)	100-51-6	<0.1%

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US Department Of Transport Bulk Packing

Group:

Naturally-Occuring Materials on Prop65:

Name	CAS	%
Myrcene	123-35-3	

## **Section 16. Other information**

**Concentration % Limits:** EDI 2A=80.00% SS 1=6.67% EH A2=21.42% EH A3=2.06% EH C2=26.

58% EH C3=2.64% EH C4=64.10%

**Total Fractional Values:** EDI 2A=1.25 SS 1=15.00 EH A2=4.67 EH A3=48.63 EH C2=3.76 EH

C3=37.81 EH C4=1.56

#### **Key to revisions:**

2.1 Classification of the substance or mixture

Concentration % Limits

SECTION 3: Composition/information on ingredients

**Total Fractional Values** 

## Key to abbreviations:

Abbreviation	Meaning
Acute Tox. 4	Acute Toxicity - Oral Category 4
Acute Tox. 5	Acute Toxicity - Oral Category 5
Aquatic Acute 1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the Aquatic Environment - Acute Hazard Category 2
Aquatic Acute 3	Hazardous to the Aquatic Environment - Acute Hazard Category 3





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Aquatic Chronic 1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
Aquatic Chronic 3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
Asp. Tox 1	Aspiration Hazard Category 1
Eye Irrit. 2A	Eye Damage / Irritation Category 2A
Flam. Liq. 2	Flammable Liquid, Hazard Category 2
Flam. Liq. 3	Flammable Liquid, Hazard Category 3
Flam. Liq. 4	Flammable Liquid, Hazard Category 4
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H227	Combustible liquid.
H302	Harmful if swallowed.
H303	May be harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H401	Toxic to aquatic life.
H402	Harmful to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
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.
P273	Avoid release to the environment.
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.





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P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do not induce vomiting.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/233/235	Store in a well-ventilated place. Keep container tightly closed. Keep cool.
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.
STOT SE 3	Specific Target Organ Toxicity (Single Exposure) Category 3
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Sens. 1A	Sensitization - Skin Category 1A
Skin Sens. 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.