



Safety Data Sheet

In accordance with UN GHS latest edition

Product: Bushel of Apples Fragrance Oil

Issue Date: 02/07/2025 | Version: 1 | Version Number: 02/07/2025

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

1.1 Product Identifier

Product identifier: Bushel of Apples Fragrance Oil 42010 (Contains: 3-Phenyl-1-propanol, Cinnamaldehyde, Coumarin, alpha-Methylcinnamaldehyde)

Other identifiers: None

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

Product uses: Fragrances

1.3 Details of the supplier of the safety data sheet

Company name: Makers Esscentuals

Company address: Makers Esscentuals | PO BOX 88 | Jessup, MD 20794

Contact: Regulatory Affairs

E-Mail address: info@makersesscentuals.com

Company phone: 800-580-6196

1.4 Emergency telephone number

Emergency phone: 800-580-6196

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Class and category of danger:



Acute Toxicity - Oral Category 5
Skin Corrosion / Irritation Category 2
Eye Damage / Irritation Category 1
Sensitization - Skin Category 1
Hazardous to the Aquatic Environment - Acute Hazard Category 2
Hazardous to the Aquatic Environment - Long-term Hazard Category 3
H303, May be harmful if swallowed.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H318, Causes serious eye damage.
H401, Toxic to aquatic life.
H412, Harmful to aquatic life with long lasting effects.

2.2 Label elements

Signal word: Warning

Hazard statements:

H303, May be harmful if swallowed.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H318, Causes serious eye damage.
H401, Toxic to aquatic life.
H412, Harmful to aquatic life with long lasting effects.

Pictograms:



2.3 Other hazards Other hazards: None

Section 3. Composition / information on ingredients

3.2 Mixtures

Contains:

Name	CAS	%	GHS Classification
alpha-Methylcinnamaldehyde	101-39-3	10- <20%	Acute Tox. 5-Skin Sens. 1B-Aquatic Acute 2;H303- H317-H401
alpha-Terpineol acetate	80-26-2	10- <20%	Aquatic Acute 2;H401
2-tert-Butylcyclohexyl acetate	88-41-5	5- <10%	Flam. Liq. 4-Acute Tox. 5-Aquatic Acute 2-Aquatic Chronic 2;H227-H303-H411
Eugenol	97-53-0	5- <10%	Acute Tox. 5-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 2;H303-H317-H319-H401
Coumarin	91-64-5	1-<5%	Acute Tox. 4-Skin Sens. 1B-Aquatic Acute 3;H302- H317-H402



3-Phenyl-1-propanol	122-97-4	1-<5%	Acute Tox. 5-Skin Corr. 1B-Eye Dam. 1-Aquatic Acute 3;H303-H313-H314-H402
gamma-Undecalactone	104-67-6	1-<5%	Aquatic Acute 3-Aquatic Chronic 3;H412
Phenethyl isobutyrate	103-48-0	1-<5%	Aquatic Acute 2;H401

Allyl hexanoate	123-68-2	1-<5%	Flam. Liq. 4-Acute Tox. 3-Acute Tox. 3-Acute Tox. 3- Aquatic Acute 1-Aquatic Chronic 3;H227-H301-H311- H331-H400-H412
Cinnamaldehyde	104-55-2	1-<5%	Acute Tox. 5-Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1A-Aquatic Acute 2-Aquatic Chronic 3;H303- H312-H315-H317-H319-H401-H412
Vanillin	121-33-5	1-<5%	Acute Tox. 5-Eye Irrit. 2A-Aquatic Acute 3;H303-H319- H402
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
Dihydromyrcenol	18479-58-8	0.1-<1%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A- Aquatic Acute 3;H227-H303-H315-H319-H402
Geraniol	106-24-1	0.1-<1%	Acute Tox. 5-Skin Irrit. 2-Eye Dam. 1-Skin Sens. 1- Aquatic Acute 3;H303-H315-H317-H318-H402



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
Isocyclocitral	1335-66-6	0.1- <1%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 3;H227- H303-H315-H317-H319-H401-H412
beta-Caryophyllene	87-44-5	0.1- <1%	Skin Sens. 1B-Asp. Tox 1-Aquatic Chronic 4;H304- H317-H413
1,3,4,6,7,8-Hexahydro- 4,6,6,7,8,8-hexamethylcyclopenta-gamma- 2-benzopyran	1222-05-5	0.1- <1%	Aquatic Acute 1-Aquatic Chronic 1;H410
Ethyl trans-2,2,6-trimethylcyclohexanecarboxylate	22471-55-2	0.1- <1%	Flam. Liq. 4-Skin Irrit. 2-Aquatic Acute 1-Aquatic Chronic 2;H227-H315-H400-H411
Cinnamyl alcohol	104-54-1	0.1- <1%	Acute Tox. 4-Skin Sens. 1B-Aquatic Acute 2;H302- H317-H401
1-(2,6,6-Trimethylcyclohexa-1,3-dienyl)-2-buten-1-one	23696-85-7	0.1- <1%	Skin Irrit. 2-Skin Sens. 1A-Aquatic Acute 2-Aquatic Chronic 2;H313-H315-H317-H411
alpha-Cedrene	469-61-4	<0.1%	Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H304- H410

Substances with workplace exposure limits, not listed above:

Not Applicable



Section 4. First-aid measures

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: Wash with plenty of soap and water.

Ingestion: Rinse mouth with water and obtain medical attention.

2. Most important symptoms and effects, both acute and delayed

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

3. Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SECTION 5: Firefighting measures

1. Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

2. Special hazards arising from the substance or mixture

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

3. Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

1. Personal precautions, protective equipment and emergency procedures:

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

2. Environmental precautions:



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

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.

4. Reference to other sections: Also refer to sections 8 and 13.

Section 7. Handling and storage

1. Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

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.

3. Specific end use(s):

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

Section 8. Exposure controls/personal protection

1. Control parameters

Workplace exposure limits: Not Applicable

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 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: 93

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: -0.0050 - 0.0050

Solubility(ies): Not determined

Partition coefficient: n-octanol/water: Not determined

Auto-ignition temperature: Not determined

Decomposition temperature: Viscosity: Not determined

Explosive properties: Not expected

Oxidising properties: Not Expected

9.2 Other information:

Refractive Index @ 20C: -0.0015 - 0.0015

Flash Point (Fahrenheit): > 200 °F oF 0.00

Calculated VOC: _calculated_voc

Color Range: 92_color_range

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.

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: Acute Toxicity - Oral Category 5

Acute Toxicity Oral >5000

Acute Toxicity Dermal: >5000

Acute Toxicity Inhalation: Not Available

Skin corrosion/irritation: Skin Corrosion / Irritation Category 2

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.

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



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
3-Phenyl-1-propanol	122-97-4	2275	5000	Not available	Not available

Allyl hexanoate	123-68-2	300	300	3	Not available
Cinnamaldehyde	104-55-2	2200	1100	Not available	Not available
Coumarin	91-64-5	500	Not available	Not available	Not available
Eugenol	97-53-0	2500	Not available	Not available	Not available
Vanillin	121-33-5	3500	Not available	Not available	Not available
alpha- Methylcinnamaldehyde	101-39-3	2050	Not available	Not available	Not available

Section 12. Ecological information

12.1 Toxicity:

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	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Amyl salicylate, Allyl cyclohexanepropionate)	9	-	III
IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Amyl salicylate, Allyl cyclohexanepropionate) MARINE POLLUTANT	9	-	III
ADR,RID,ADN	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Amyl salicylate, Allyl cyclohexanepropionate)	9	-	III
ICAO TI	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Amyl salicylate, Allyl cyclohexanepropionate)	9	-	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

Essential Oil Components:

Name	CAS	%
ORANGE ESSENCE OIL	8008-57-9	0.1-<1%
CEDARWOOD OIL VIRGINIA	8000-27-9	<0.1%

Additional formulation properties

Name	CAS	%
Vanillin	121-33-5	1-<5%
Ethyl vanillin	121-32-4	0.1-<1%

Components listed on California's SB312

Name	CAS	%
DIOCTYL ADIPATE (S) "DOA"	103-23-1	20-<50%
EUGENOL	97-53-0	5-<10%
COUMARIN (C)	91-64-5	1-<5%



BENZYL BENZOATE	120-51-4	1-<5%
CINNAMIC ALDEHYDE	104-55-2	1-<5%
GERANIOL 980	106-24-1	0.1-<1%
LINALOOL	78-70-6	0.1-<1%
CINNAMIC ALCOHOL (R)	104-54-1	0.1-<1%
CITRAL	5392-40-5	<0.1%
PHENIRAT	103-60-6	<0.1%

US Department Of Transport Bulk Packing - Group:

Naturally-Occuring Materials on Prop65:

Name	CAS	%
Myrcene	123-35-3	

Section 16. Other information

Concentration % Limits: SCI 2=28.57% SCI 3=2.65% EDI 1=88.24% EDI 2A=20.85% SS 1=9.43% EH A2=37.98% EH A3=3.74% EH C3=18.47%

Total Fractional Values: SCI 2=3.50 SCI 3=37.70 EDI 1=1.13 EDI 2A=4.80 SS 1=10.60 EH A2=2.63 EH A3=26.77 EH

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C3=5.41

Key to revisions:

Concentration % Limits

Total Fractional Values

Key to abbreviations:

Abbreviation	Meaning
Acute Tox. 4	Acute Toxicity - Oral Category 4
Acute Tox. 4	Acute Toxicity - Dermal Category 4
Acute Tox. 4	Acute Toxicity - Inhalation 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
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 Dam. 1	Eye Damage / Irritation Category 1
Eye Irrit. 2	Eye Damage / Irritation Category 2
Eye Irrit. 2A	Eye Damage / Irritation Category 2A
Eye Irrit. 2B	Eye Damage / Irritation Category 2B
Flam. Liq. 3	Flammable Liquid, Hazard Category 3
Flam. Liq. 4	Flammable Liquid, Hazard Category 4
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.
H312	Harmful in contact with skin.
H313	May be harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

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H320	Causes eye irritation.
H332	Harmful if inhaled.
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.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.

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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.
P403/235	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.
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Sens. 1	Sensitization - Skin Category 1
Skin Sens. 1A	Sensitization - Skin Category 1A
Skin Sens. 1B	Sensitization - Skin Category 1B