

Version: 2 (05/26/2023)

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: BAKED APPLE + CARDAMOM

Version: 2

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

1.1 Product Identifier

Product identifier: BAKED APPLE + CARDAMOM

Other identifiers: None

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

Product uses: Aromatic fragrance ingredient in concentrated form to be combined with other ingredients to create a finished product. Use according to established regulatory guidelines. For Manufacturing Use Only.

1.3 Details of the supplier of the safety data sheet

Company name: Lark Artisan Supply Inc 395 Montcalm Ave

Company address: Victoria, BC

V8Z 4S8

E-Mail address: hello@larksupply
Company phone: 250.701.6506

1.4 Emergency telephone number

Emergency phone: North America 800.424.9300/ International 703.527.3887

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Class and category of Flammable Liquid, Hazard Category 4 danger:

Skin Corrosion / Irritation Category 3

Eye Damage / Irritation Category 2 Sensitization - Skin Category 1

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

H227, Combustible liquid.

H316, Causes mild skin irritation.

H317, May cause an allergic skin reaction.

H319, Causes serious eye irritation.

H411, Toxic to aquatic life with long lasting effects.

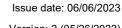
2.2 Label elements

Signal word: Warning

Hazard statements: H227, Combustible liquid.

H316, Causes mild skin irritation.

H317, May cause an allergic skin reaction.



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H319, Causes serious eye irritation.

H411, Toxic to aquatic life with long lasting effects.

Precautionary statements:

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

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. P302/352, IF ON SKIN: Wash with plenty of soap and water.

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.



Pictograms:

2.3 Other hazards

Other hazards: Hydrocarbon Concentration %: 0.0000%

Section 3. Composition / information on ingredients

3.2 Mixtures

Contains:

Name	CAS	%	GHS Classification
2-tert-Butylcyclohexyl acetate	88-41-5	5-<10%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 3-Aquatic Acute 2- Aquatic Chronic 2;H227-H303-H316-H411
GALAXOLIDE 50 BB	Solution	5-<10%	Acute Tox. 5-Skin Irrit. 3;H303-H316
Eugenol	97-53-0	5-<10%	Acute Tox. 5-Skin Irrit. 3-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 2;H303-H316-H317-H319-H401
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
Benzyl benzoate	120-51-4	1-<5%	Acute Tox. 4-Acute Tox. 5-Aquatic Acute 1-Aquatic Chronic 2;H302-H313-H400-H411



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1222-05-5	1-<5%	Skin Irrit. 3-Aquatic Acute 1-Aquatic Chronic 1;H316- H410
25225-08-5	1-<5%	Flam. Liq. 4-Skin Irrit. 3-Aquatic Acute 2-Aquatic Chronic 2;H227-H316-H411
91-64-5	1-<5%	Acute Tox. 4-Skin Sens. 1B-Aquatic Acute 3;H302- H317-H402
80-26-2	1-<5%	Skin Irrit. 3-Aquatic Acute 2;H316-H401
32210-23-4	1-<5%	Acute Tox. 5-Skin Sens. 1B-Aquatic Acute 2;H303- H317-H401
54464-57-2	1-<5%	Skin Irrit. 2-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 1;H315-H317-H401-H410
77-83-8	0.1-<1%	Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 2; H317-H411
78-70-6	0.1-<1%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 3;H227-H303-H315-H317- H319-H402
57378-68-4	0.1-<1%	Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1A-Aquatic Acute 1-Aquatic Chronic 1;H302-H315-H317-H410
2705-87-5	0.1-<1%	Acute Tox. 4-Acute Tox. 4-Acute Tox. 4-Skin Sens. 1-Aquatic Acute 1-Aquatic Chronic 1;H302-H312-H317-H332-H410
105-87-3	0.1-<1%	Skin Irrit. 2-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 3;H315-H317-H401-H412
28219-61-6	0.1-<1%	Skin Irrit. 2-Eye Irrit. 2A-Aquatic Acute 2-Aquatic Chronic 2;H315-H319-H411
1885-38-7	0.1-<1%	Acute Tox. 3-Acute Tox. 4-Acute Tox. 4-Skin Irrit. 3-Skin Sens. 1B-Aquatic Acute 3;H301-H312-H316-H317-H332-H402
470-82-6	0.1-<1%	Flam. Liq. 3-Acute Tox. 5-Eye Irrit. 2B-Skin Sens. 1B- Aquatic Acute 3;H226-H303-H317-H320-H402
101-86-0	0.1-<1%	Acute Tox. 5-Skin Irrit. 3-Skin Sens. 1B-Aquatic Acute 1-Aquatic Chronic 2;H303-H316-H317-H400-H411
98-55-5	0.1-<1%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A- Aquatic Acute 2;H227-H303-H315-H319-H401
43052-87-5	0.1-<1%	Acute Tox. 4-Acute Tox. 5-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 2;H302-H313-H317-H411
8028-48-6	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1-Asp. Tox 1- Aquatic Acute 2-Aquatic Chronic 2;H226-H304-H315- H317-H411
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
120-57-0	0.1-<1%	Acute Tox. 5-Skin Sens. 1B-Aquatic Acute 2;H303-H317-H401
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
23696-85-7	<0.1%	Acute Tox. 5-Skin Irrit. 2-Skin Sens. 1A-Aquatic Acute 2-Aquatic Chronic 2;H313-H315-H317-H411
	25225-08-5 91-64-5 80-26-2 32210-23-4 54464-57-2 77-83-8 78-70-6 57378-68-4 2705-87-5 105-87-3 28219-61-6 1885-38-7 470-82-6 101-86-0 98-55-5 43052-87-5 8028-48-6 106-24-1 120-57-0 68039-49-6	25225-08-5

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.



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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.

4.2 Most important symptoms and effects, both acute and delayed

Causes mild skin irritation.

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.

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. 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.

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



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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 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: 83 °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 determinedVapour density:Not determinedRelative density:Not determinedSolubility(ies):Not determinedPartition coefficient: n-octanol/water:Not determined



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Auto-ignition temperature:Not determinedDecomposition temperature:Not determinedViscosity:Not determinedExplosive properties:Not expectedOxidising properties:Not expected

9.2 Other information:

Flash Point (Fahrenheit): 181 °F Calculated VOC: 0.00

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

Acute Toxicity Oral >5000
Acute Toxicity Dermal >5000

Acute Toxicity Inhalation Not Available

Skin corrosion/irritation:Skin Corrosion / Irritation Category 3Serious eye damage/irritation:Eye Damage / Irritation Category 2Respiratory 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.



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STOT-single exposure:

Based on available data the classification criteria are not met.

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
4-tert-Butylcyclohexyl acetate	32210-23-4	3370	Not available	Not available	Not available
Benzyl benzoate	120-51-4	1500	4000	Not available	Not available
Cinnamaldehyde	104-55-2	2200	1100	Not available	Not available
Cinnamyl nitrile	1885-38-7	100	1100	Not available	Dust/mist mg/l
Coumarin	91-64-5	500	Not available	Not available	Not available
Eugenol	97-53-0	2500	Not available	Not available	Not available

Refer to Sections 2 and 3 for additional information.

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):		14.4. Packing Group:
UN Model Regulations	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-	9	-	III



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hexamethylcyclopenta-gamma-2-
benzopyran, 1-(1,2,3,4,5,6,7,8-
Octahydro-2,3,8,8-tetramethyl-2-
nanhthalenyl\ethanone\

		napharatery)/othanone/			
IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran, 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone) MARINE POLLUTANT	9	-	III
ADR,RID,ADN	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran, 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone)	9	-	III
ICAO TI	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran, 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone)	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



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Essential Oil Components:

Name	CAS	%
ORANGE OIL FLORIDA	8028-48-6	0.1-<1%

Additional formulation properties

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

Components listed on California's SB312

Name	CAS	%
DIOCTYL ADIPATE (S) "DOA"	103-23-1	50-100%
EUGENOL	97-53-0	5-<10%
CINNAMIC ALDEHYDE	104-55-2	1-<5%
COUMARIN (C)	91-64-5	1-<5%
LINALOOL	78-70-6	0.1-<1%
HEXYL CINNAMIC ALDEHYDE (R)	101-86-0	0.1-<1%
GERANIOL 980	106-24-1	0.1-<1%
ACETOPHENONE	98-86-2	<0.1%

US Department Of Transport Bulk Packing Group:

Section 16. Other information

Concentration % Limits: SCI 3=8.86% EDI 2A=83.06% SS 1=2.18% EH A2=20.65% EH A3=2.06%

EH C2=33.45% EH C3=3.32% EH C4=97.03%

Total Fractional Values: SCI 3=11.28 EDI 2A=1.20 SS 1=45.80 EH A2=4.84 EH A3=48.48 EH

C2=2.99 EH C3=30.08 EH C4=1.03

Key to revisions:

Concentration % Limits

GHS Workplace Exposure Limits

SECTION 3: Composition/information on ingredients

Total Fractional Values

Key to abbreviations:

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



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Hazardous to the Aquatic Environment - Acute Hazard Category 2
Hazardous to the Aquatic Environment - Acute Hazard Category 3
Hazardous to the Aquatic Environment - Long-term Hazard Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 2
Hazardous to the Aquatic Environment - Long-term Hazard Category 3
Aspiration Hazard Category 1
Eye Damage / Irritation Category 1
Eye Damage / Irritation Category 2A
Eye Damage / Irritation Category 2B
Flammable Liquid, Hazard Category 3
Flammable Liquid, Hazard Category 4
Flammable liquid and vapour.
Combustible liquid.
Toxic if swallowed.
Harmful if swallowed.
May be harmful if swallowed.
May be fatal if swallowed and enters airways.
Harmful in contact with skin.
May be harmful in contact with skin.
Causes skin irritation.
Causes mild skin irritation.
May cause an allergic skin reaction.
Causes serious eye damage.
Causes serious eye irritation.
Causes eye irritation.
Harmful if inhaled.
Very toxic to aquatic life.
Toxic to aquatic life.
Harmful to aquatic life.
Very toxic to aquatic life with long lasting effects.
Toxic to aquatic life with long lasting effects.
Harmful to aquatic life with long lasting effects.
Keep away from heat, sparks, open flames and hot surfaces No smoking.
Keep container tightly closed.
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.
Avoid breathing vapour or dust.
Wash hands and other contacted skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.



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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.
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 Irrit. 3	Skin Corrosion / Irritation Category 3
Skin Sens. 1	Sensitization - Skin Category 1
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.