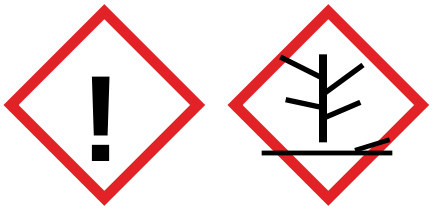
HAWAIIAN GINGER FRAGRANCE OIL

Cosmetic Labs Canada | 298 Wellington St W | Sault Ste. Marie, Ontario, Canada P6A 1H7 | www.cosmeticlabscanada.com | 705-910-6300 (after-hours support)

2.1 Classification of the substance or mixture

Section 2. Hazards identification

GHS warning pictograms: GHS07 (Exclamation mark) and GHS09 (Environment)



Class and category of
danger:
Flammable Liquid, Hazard Category 4
Acute Toxicity - Oral Category 5
Skin Corrosion / Irritation Category 2
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.
H303, May be harmful if swallowed.
H315, Causes 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
H227, Combustible liquid.
H303, May be harmful if swallowed.
Hazard statements:

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

1.1 Product Identifier
Product identifier:
HAWAIIAN GINGER
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

Cosmetic Labs Canada
298 Wellington St W
Sault Ste. Marie, Ontario, Canada P6A 1H7
www.cosmeticlabscanada.com
705-910-6300

1.4 Emergency telephone number

705-910-6300 (after-hours support)

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H319, Causes serious eye irritation.

H411, Toxic to aquatic life with long lasting effects.

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.

P312, Call a POISON CENTRE or doctor/physician if you feel unwell.

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.

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.

Precautionary
statements:

2.3 Other hazards

None

Other hazards:

3.2 Mixtures

Section 3. Composition / information on ingredients

Contains:

Name

CAS

%

GHS Classification

Methyl dihydrojasmonate

24851-98-7

10-<20%
Aquatic Acute 3;H402
Tricyclodecenyl acetate
5413-60-5
10-<20%
Acute Tox. 5-Aquatic Acute 3;H303-H402
alpha-Hexylcinnamaldehyde
101-86-0
10-<20%
Acute Tox. 5-Skin Sens. 1B-Aquatic Acute 1-Aquatic Chronic 2;H303-H317-H400-H411
2-tert-Butylcyclohexyl acetate
88-41-5
5-<10%
Flam. Liq. 4-Acute Tox. 5-Aquatic Acute 2-Aquatic Chronic 2;H227-H303-H411
Diethyl malonate
105-53-3
5-<10%
Flam. Liq. 4-Eye Irrit. 2A-Aquatic Acute 3;H227-H319-H402
gamma-Undecalactone
104-67-6
1-<5%
Aquatic Acute 3-Aquatic Chronic 3;H412
Benzyl acetate
140-11-4
1-<5%
Acute Tox. 5-Aquatic Acute 2-Aquatic Chronic 3;H303-H401-H412
LILIAL SUB
1-<5%
Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1;H315-H317-H319
Hexyl salicylate
6259-76-3
1-<5%
Skin Sens. 1B-Aquatic Acute 1-Aquatic Chronic 1; H317-H410
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran
1222-05-5
1-<5%

Aquatic Acute 1-Aquatic Chronic 1;H410
alpha-Terpineol
98-55-5
1-<5%
Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Aquatic Acute 2;H227-H303-H315-H319-H401
Linalool
78-70-6
1-<5%
Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 3;H227-H303-H315-H317-H319-H402
2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol
63500-71-0
1-<5%
Eye Irrit. 2A;H319
1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (Fixolid)
1506-02-1
1-<5%
Acute Tox. 4-Aquatic Acute 1-Aquatic Chronic 1;H302-H410
Phenethyl alcohol
60-12-8
1-<5%
Acute Tox. 4-Eye Irrit. 2A;H302-H313-H319
alpha-Ionone
127-41-3
1-<5%
Acute Tox. 5-Aquatic Acute 2;H303-H401
d-Limonene
5989-27-5
1-<5%
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
1-<5%
Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Aquatic Acute 3;H227-H303-H315-H319-H402
dl-Citronellol

106-22-9
1-<5%
Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 2;H303-H313-H315-H317-H319-H401
Linalyl acetate
115-95-7
1-<5%
Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2B-Skin Sens. 1B-Aquatic Acute 3;H227-H315-H317-H320-H402
Allyl heptanoate
142-19-8
1-<5%
Flam. Liq. 4-Acute Tox. 3-Acute Tox. 3-Aquatic Acute 1-Aquatic Chronic 3;H227-H301-H311-H400-H412
2-Methyl-3-(p-isopropylphenyl) propionaldehyde
103-95-7
0.1-<1%
Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 3;H227-H303-H315-H317-H401-H412
Benzyl benzoate
120-51-4
0.1-<1%
Acute Tox. 4-Aquatic Acute 1-Aquatic Chronic 2;H302-H313-H400-H411
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
2,2-Dimethyl-3-phenylpropanol
13351-61-6
0.1-<1%
Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2A-Aquatic Acute 3-Aquatic Chronic 3;H302-H315-H319-H412
beta-Pinene
127-91-3
0.1-<1%
Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H226-H304-H315-H317-H410

Geranyl acetate
105-87-3
0.1-<1%
Skin Irrit. 2-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 3;H315-H317-H401-H412
Citral
5392-40-5
0.1-<1%
Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1-Aquatic Acute 2; H313-H315-H317-H319-H401
p-Mentha-1,4-diene
99-85-4
0.1-<1%
Flam. Liq. 3-Acute Tox. 5-Repr. 2-Asp. Tox 1;H226-H303-H304-H361
METHYL OCTINE CARBONATE 111-80-8
<0.1%
Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1A-Aquatic Acute 1-Aquatic Chronic 3;H302-H313-H315-H317-H400-H412
Substances with workplace exposure limits, not listed above:
Not Applicable
4.1 Description of first aid measures

Section 4. First-aid measures

Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
Inhalation:
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
May be harmful if swallowed.
Causes 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.

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.

Section 6. Accidental release measures

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.

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.

Section 7. Handling and storage

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 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

Free flowing liquid without sediment

Appearance:

Odour:

Characteristic

Odour threshold:

Not determined

pH:

Not determined

Melting point / freezing point:

Not determined

Not determined

Initial boiling point / range:

Flash point:

91 °C

Evaporation rate:

Not determined

Not determined

Flammability (solid, gas):

Product does not present an explosion hazard

Upper/lower flammability or explosive limits:

Not determined

Vapour pressure:

Not determined

Vapour density:

Relative density:

0.9720 - 0.9820

Solubility(ies):

Not determined

Not determined

Partition coefficient: n-octanol/water:

Auto-ignition temperature:

Not determined

Decomposition temperature:

Not determined

Viscosity:

Not determined

Not expected

Explosive properties:

Not expected

Oxidising properties:

9.2 Other information:
Refractive Index @ 20C:
1.4798 - 1.4898
Flash Point (Fahrenheit):
196 °F
Calculated VOC:
0.00
Color Range:
1 Very Pale Yellow - 3 Very Pale Yellow
10.1 Reactivity:

Section 10. Stability and 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.
11.1 Information on toxicological effects

Section 11. Toxicological information

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 - Oral Category 5
Acute Toxicity:
4586
Acute Toxicity Oral
Acute Toxicity Dermal
>5000
Not Available
Acute Toxicity Inhalation
Skin Corrosion / Irritation Category 2
Skin corrosion/irritation:
Eye Damage / Irritation Category 2
Serious eye damage/irritation:
Sensitization - Skin Category 1
Respiratory or skin sensitisation:
Based on available data the classification criteria are not met.
Germ cell mutagenicity:

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
1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (Fixolid)	1506-02-1	Not available	Not available	1000	Not available
2-tert-Butylcyclohexyl acetate	88-41-5	Not available	Not available	4600	Not available
Allyl heptanoate	142-19-8	810	Not available	218	Not available
Benzyl acetate	140-11-4	Not available			

Not available
2490
Not available
Dihydromyrcenol
18479-58-8
Not available
Not available
3600
Not available
Linalool
78-70-6
Not available
Not available
2790
Not available
Phenethyl alcohol
60-12-8
2500
Not available
1610
Not available
Tricyclodecenyl acetate 5413-60-5
Not available
Not available
3050
Not available
alpha-
Hexylcinnamaldehyde
101-86-0
Not available
Not available
3100
Not available
alpha-Ionone
127-41-3
Not available
Not available
4590
Not available
alpha-Terpineol
98-55-5
Not available
Not available
4300

Not available
dl-Citronellol
106-22-9
2650
Not available
3450
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.
Not available
12.2 Persistence and degradability:
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. (Hexyl
salicylate, 1,3,4,6,7,8-Hexahydro-
4,6,6,7,8,8-hexamethylcyclopenta-

gamma-2-benzopyran)
9
-
III
IMDG
UN3082
ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, N.O.S. (Hexyl
salicylate, 1,3,4,6,7,8-Hexahydro-
4,6,6,7,8,8-hexamethylcyclopenta-
gamma-2-benzopyran) MARINE
POLLUTANT
9
-
III
ADR,RID,ADN
UN3082
ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, N.O.S. (Hexyl
salicylate, 1,3,4,6,7,8-Hexahydro-
4,6,6,7,8,8-hexamethylcyclopenta-
gamma-2-benzopyran)
9
-
III
ICAO TI
UN3082
ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, N.O.S. (Hexyl
salicylate, 1,3,4,6,7,8-Hexahydro-
4,6,6,7,8,8-hexamethylcyclopenta-
gamma-2-benzopyran)
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
%
LEMON OIL CALIFORNIA
8008-56-8
1-<5%
Components listed on California's SB312
Name
CAS
%
HEXYL CINNAMIC ALDEHYDE (R)
101-86-0
10-<20%
PHENIRAT
103-60-6
5-<10%
LINALOOL
78-70-6
1-<5%
CITRAL
5392-40-5
0.1-<1%
US Department Of Transport Bulk Packing
Group:
-

Section 16. Other information

Concentration % Limits:
SCI 2=93.63% SCI 3=6.44% EDI 2A=49.44% SS 1=7.66% EH A2=9.99%
EH A3=0.98306764% EH C2=26.82% EH C3=2.66% EH C4=69.05%
Total Fractional Values:
SCI 2=1.07 SCI 3=15.52 EDI 2A=2.02 SS 1=13.05 EH A2=10.01 EH
A3=101.72 EH C2=3.73 EH C3=37.64 EH C4=1.45
Key to revisions:
Concentration % 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. 3
Acute Toxicity - Dermal Category 3
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
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. 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.
H301
Toxic if swallowed.
H302
Harmful if swallowed.
H303
May be harmful if swallowed.
H304
May be fatal if swallowed and enters airways.
H311
Toxic in contact with skin.
H313
May be harmful in contact with skin.
H315
Causes skin irritation.
H317
May cause an allergic skin reaction.
H319
Causes serious eye irritation.
H320
Causes eye irritation.
H361
Suspected of damaging fertility or the unborn child (exposure route).
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.
P202
Do not handle until all safety precautions have been read and understood.
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.
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.
P305/351/338
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308/313
IF exposed or concerned: Get medical advice/attention.
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.
P361
Remove/Take off immediately all contaminated clothing.
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.
Repr. 2
Toxic to Reproduction Category 2
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

Disclaimer & Caution

The information in this safety data sheet is provided for safe handling, storage, transport and use of this material. Users must assess suitability for their intended applications and comply with applicable safety and regulatory requirements. The information is supplied without guarantee and does not replace a product-specific regulatory assessment.