

Safety Data Sheet

Section 1: Company and Product Information

Product Name: Rainforest Hibiscus Fragrance Oil
INCI Name: Parfum
Country of Origin: United States
Product Use: Cosmetic and personal care applications.
Restrictions on Use: Repackaged for cosmetic use only.
Supplier: Windy Point Soap Making Supplies Inc.
14, 6125-12th Street SE
Calgary, AB T2H 2K1
587-318-6678 / 877-257-0030
Emergency Phone Number: 770-334-3906

Section 2: Hazard Identification

Classification of the substance or mixture

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of the regulation(s) noted below.

Class and category of danger: 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 1
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H401, Toxic to aquatic life.
H410, Very toxic to aquatic life with long lasting effects.

Pictograms:



Signal word:

Warning

Hazard statements:

H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H401, Toxic to aquatic life.
H410, Very toxic to aquatic life with long lasting effects.

Precautionary statements:

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.
P362, Take off contaminated clothing and wash before reuse.
P391, Collect spillage.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Other hazards:

No data available.

Safety Data Sheet

Section 3: Composition / Information on Ingredients

<u>Name</u>	<u>CAS</u>	<u>%</u>	<u>GHS Classification</u>
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone	54464-57-2	10-<20%	Skin Irrit. 2-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 1;H315-H317-H401-H410
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran	1222-05-5	10-<20%	Aquatic Acute 1-Aquatic Chronic 1;H410
Methyl dihydrojasmonate	24851-98-7	5-<10%	Aquatic Acute 3;H402
Ethylene brassylate	105-95-3	5-<10%	Aquatic Acute 2;H401
2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol	63500-71-0	1-<5%	Eye Irrit. 2A;H319
alpha-Hexylcinnamaldehyde	101-86-0	1-<5%	Acute Tox. 5-Skin Sens. 1B-Aquatic Acute 1-Aquatic Chronic 2;H303-H317-H400-H411
1-(2-tert.-Butyl cyclohexyloxy)-2-butanol	139504-68-0	1-<5%	Eye Irrit. 2B-Aquatic Acute 2-Aquatic Chronic 2;H320-H411
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
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
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
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
6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone	33704-61-9	1-<5%	Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 2;H303-H315-H317-H319-H411
alpha-iso-Methylionone	127-51-5	1-<5%	Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 2; H317-H411
2-tert-Butylcyclohexyl acetate	88-41-5	1-<5%	Flam. Liq. 4-Acute Tox. 5-Aquatic Acute 2-Aquatic Chronic 2;H227-H303-H411

Safety Data Sheet

Trichloromethyl phenyl carbonyl acetate	90-17-5	1-<5%	Skin Irrit. 2-Aquatic Acute 3-Aquatic Chronic 3;H315-H412
Hydroxycitronellal	107-75-5	0.1-<1%	Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 3;H317-H319-H402
dl-Citronellol	106-22-9	0.1-<1%	Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 2;H303-H313-H315-H317-H319-H401
cis-4-(Isopropyl) cyclohexanemethanol	13828-37-0	0.1-<1%	Skin Irrit. 2-Skin Sens. 1B-Aquatic Acute 2;H315-H317-H401
3-(5,5,6-Trimethylbicyclo[2.2.1] hept-2-yl)cyclohexan-1-ol	3407-42-9	0.1-<1%	Eye Irrit. 2A-Aquatic Acute 1-Aquatic Chronic 2;H319-H400-H411
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
7-Methyl-2H-benzo-1,5-dioxepin-3(4H)-one	28940-11-6	0.1-<1%	Skin Corr. 1B-Eye Dam. 1-STOT SE 3;H314-H336
Methyl atrarate	4707-47-5	0.1-<1%	Skin Sens. 1B-Aquatic Acute 2;H317-H401
4-tert-Butylcyclohexyl acetate	32210-23-4	0.1-<1%	Acute Tox. 5-Skin Sens. 1B-Aquatic Acute 2;H303-H317-H401
Coumarin	91-64-5	0.1-<1%	Acute Tox. 4-Skin Sens. 1B-Aquatic Acute 3;H302-H317-H402
delta-1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-one	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
TIMBEROL	70788-30-6	0.1-<1%	Skin Irrit. 2-Skin Sens. 1B-Aquatic Chronic 2;H315-H317-H411
alpha-Cedrene	469-61-4	<0.1%	Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H304-H410
Isoeugenol	97-54-1	<0.1%	Acute Tox. 4-Acute Tox. 4-Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1A-STOT SE 3-Aquatic Acute 2; H302-H312-H315-H317-H319-H332-H335-H401

Substances with workplace exposure limits, not listed above:

Not applicable.

Safety Data Sheet

Section 4: First Aid Measures

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.
Most important symptoms and effects, both acute and delayed	Causes mild skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.
Indication of any immediate medical attention and special treatment needed	None expected.

Section 5: Fire Fighting Measures

Extinguishing media

Suitable:	Carbon dioxide (CO ₂), Dry chemical, Foam.
Special hazards arising from the substance or mixture:	In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.
Advice 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.
Environmental precautions:	Keep away from drains, surface and ground water, and soil.
Methods and materials 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.
Reference to other sections:	Also refer to sections 8 and 13.

Section 7: Handling and Storage

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.
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.
Specific end use(s):	Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8: Exposure Control / Personal Protection

Exposure controls - Personal protective equipment

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 buildup 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 minimize exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved,

Safety Data Sheet

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.

Workplace exposure limits: None applicable.

Section 9: 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°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:	0.9430 - 0.9530
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected
Refractive Index @ 20C:	1.4762 - 1.4792
Flash Point (Fahrenheit):	200 °F
Colour Range:	2 Very Pale Yellow – Colourless

Section 10: Stability and Reactivity

Reactivity conditions:	Presents no significant reactivity hazard, by itself or in contact with water.
Chemical stability:	Good stability under normal storage conditions.
Possibility of hazardous reactions:	Not expected under normal conditions of use.
Conditions to avoid:	Avoid extreme heat.
Incompatibility:	Avoid contact with strong acids, alkalis or oxidizing 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 UN GHS.
Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral:	>5000
Acute Toxicity Dermal:	Not applicable
Acute Toxicity Inhalation:	Not available
Skin corrosion/irritation:	Skin Corrosion / Irritation Category 2
Serious eye damage/irritation:	Eye Damage / Irritation Category 2

Safety Data Sheet

Respiratory or skin sensitization:

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:

<u>Name CAS</u>	<u>LD50/ATE Oral</u>	<u>LD50/ATE Dermal</u>	<u>LC50/ATE Inhalation</u>	<u>LC50 Route</u>
2-tert-Butylcyclohexyl acetate 88-41-5	4600	Not available	Not available	Not available
6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone 33704-61-9	2900	Not available	Not available	Not available
Dihydromyrcenol 18479-58-8	3600	Not available	Not available	Not available
Linalool 78-70-6	2790	Not available	Not available	Not available
alpha-Hexylcinnamaldehyde 101-86-0	3100	Not available	Not available	Not available

Section 12: Ecological Information

Toxicity:	Very toxic to aquatic life with long lasting effects.
Persistence and degradability:	Not available
Bioaccumulative potential:	Not available
Mobility in soil:	Not available
Other adverse effects:	Not available

Section 13: Disposal Information

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

UN Number	UN Proper Shipping Name	Transport hazard class	Sub Risk	Packing group
UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	9	-	III

Safety Data Sheet

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

Essential Oil Components:

<u>Name</u>	<u>CAS</u>	<u>%</u>
CEDARWOOD OIL VIRGINIA	8000-27-9	1-<5%
ORANGE ESSENCE OIL	8008-57-9	0.1-<1%

Components listed on California's SB312:

<u>Name</u>	<u>CAS</u>	<u>%</u>
DIOCTYL ADIPATE (S) "DOA"	103-23-1	20-<50%
HEXYL CINNAMIC ALDEHYDE (R)	101-86-0	1-<5%
LINALOOL	78-70-6	1-<5%
METHYL IONONE GAMMA	127-51-5	1-<5%
HYDROXYCITRONELLAL	107-75-5	0.1-<1%
COUMARIN (C)	91-64-5	0.1-<1%

US Department Of Transport Bulk Packing Group: -

Safety Data Sheet

Section 16: Other Information

Concentration % Limits:	SCI 2=36.85% SCI 3=3.40% EDI 2A=57.14% SS 1=7.25% EH A2=12.43%EH A3=1.23% EH C1=97.74% EH C2=9.42% EH C3=0.94071961% EH C4=65.93%
Total Fractional Values:	SCI 2=2.71 SCI 3=29.44 EDI 2A=1.75 SS 1=13.80 EH A2=8.05 EH A3=81.01 EH C1=1.02 EH C2=10.62 EH C3=106.30 EH C4=1.52

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