

Safety Data Sheet
Grapefruit Essential Oil (V000063)

July 27, 2020

Section 1: Chemical Product and Company Identification

Product name: Grapefruit Essential Oil
Contact Info: Bramble Berry Inc.
2138 Humboldt Street
Bellingham, WA 98225
info@brambleberry.com
www.brambleberry.com
1-877-627-7883

Emergency Phone Number:

Within USA & Canada: 1.800.424.9300 CCN693143
Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

Section 2: Hazards Identification

Hazard Pictograms:



Signal Word: Danger

Hazard Category:

Flammable Liq Cat 3
Serious eye damage/eye irritation Cat 2
Skin corrosion/irritation Cat 2
Specific target organ tox, single exp. Cat 3 (resp irrit)
HAZARDS NOT OTHERWISE IDENTIFIED, CATEGORY 1

Hazard Statements:

H226: Flammable liquid and vapour
H319: Causes serious eye irritation
H315: Causes skin irritation
H335: May cause respiratory irritation
HHNOC PHOTOCESITIZER

Precautionary Statements:



BRAMBLE BERRY

HANDCRAFT PROVISIONS

P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
P240: Ground/bond container and receiving equipment
P241: Use explosion-proof electrical/ventilating/light/.../equipment
P242: Use only non-sparking tools
P243: Take precautionary measures against static discharge
P261: Avoid breathing dust/fume/gas/mist/vapours/spray
P264: Wash 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/protective clothing/eye protection/face protection
P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P302+352: IF ON SKIN: Wash with soap and water
P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P312: Call a POISON CENTER or doctor/physician if you feel unwell
P331: Do NOT induce vomiting
P333+313: If skin irritation or a rash occurs: Get medical advice/attention
P312: Call a POISON CENTER or doctor/physician if you feel unwell
P362: Take off contaminated clothing and wash before reuse
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P363: Wash contaminated clothing before reuse
P391: Collect spillage
P403+235: Store in a well ventilated place. Keep cool
P405: Store locked up
P370+378: In case of fire: Use carbon dioxide (CO₂), dry chemical, foam for extinction

Section 3: Composition/Information on Ingredients

Composition / Information on Ingredients

SUBSTANCE	CAS #	WEIGHT %
GRAPEFRUIT OIL	8016-20-4	100

Section 4: First Aid Measures

General Info: ENSURE MEDICAL PERSONNEL ARE CONTACTED AND INVOLVED. SHOW THIS SAFETY DATA SHEET TO ALL MEDICAL PERSONNEL TO ENSURE THEIR SAFETY AND



PROTECTION. MOVE TO A SAFE AREA, FREE FROM HAZARDOUS MATERIALS.

Notable Exposure Symptoms:

IRRITATION

If ingested: Rinse mouth. Seek immediate medical attention. Do not induce vomiting.

If inhaled: Remove to fresh air. Obtain medical attention if asthma-like symptoms or other symptoms develop.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Get medical attention if irritation develops or persists.

Skin contact: Take off immediately all contaminated clothing. Rinse with water thoroughly. Get medical advice if irritation develops or persists.

Additional info: Observe for any symptoms for several hours after exposure. Follow up with medical attention if symptoms develop.

Section 5: Fire-Fighting Measures

Extinguishing Method / Equipment:

Carbon dioxide (CO₂), dry chemical, foam. Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment.

Hazardous Decomposition Info:

Constituents associated with burning / combustion are to be considered toxic.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and procedures:

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing vapors. Ventilate area if easy to do so. Contact local authorities if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Containment Equipment and Procedures:

Large Spills: Contain actively spilling material if safe and easy to do so. Dike the spilled material, where this is possible. Utilize absorbent clay or sand to contain and stop spreading material.
Small Spills: Utilize absorbent clay or sand and transfer to waste receptacles.

Cleanup Procedures:

Collect all contaminated clay, media, or other cleanup materials into a waste receptacle. If cleaning surface is necessary, utilize mineral spirits or other solvents, provided adequate ventilation is available.

Section 7: Handling and Storage

Safe Handling Precautions:

Do not handle until all safety precautions have been read and understood. Do not handle near an open flame or sources of ignition. Ensure adequate ventilation. Take precautionary measures against static discharges. Avoid breathing vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment.

Recommendation for Storage:

Store in cool area in product container away from sources of ignition or flame. Store in tightly sealed containers, preferably full.

Section 8: Exposure Controls/Personal Protection

General / Engineering Controls:

Local exhaust ventilation should be utilized to control vapors / substances below exposure limits. Eye wash facilities must be available when handling this product.

Work Clothing: Protective work clothing which covers skin and prevents exposures.

Eye / Face Protection:

Wear safety goggles or face shield.

Skin Protection: Wear solvent resistant gloves.

Respiratory Protection:

Utilize organic vapor respirator if airborne levels are not maintained below exposure limits, or if ventilation is inadequate.

Additional Information:

Observe good chemical hygiene practices. Do not smoke or eat while using this product. Wash hands or exposed skin after using the product.

Substances with Exposure Limits	CAS#	
D'LIMONENE	5989-27-5	30ppm 165.5 mg/m3

Section 9: Physical and Chemical Properties

State: Liquid

Color: Yellowish to reddish brown

Sp Grav: 0.846

Evaporation rate: Not avail

Upper Flam Limits: Not avail

VOC Content (lbs/gal): Not avail

Melting Point: Not avail

Boiling Point/Range: Not avail

Odor: Characteristic

Flash Point: 46C Part.

Lower Flam Limits: Not avail

Viscosity: Not avail

Freezing Point: Not avail

pH: Not avail

Water Solubility: Insoluble

Coeff (n-octanol/water): Not avail

Vapor Pressure: 1mmHg@20C

Autoignition Temp: Not avail

Section 10: Stability and Reactivity

General: This product is stable and non-reactive under normal conditions of use. Product is not subject to hazardous polymerization. Avoid open flame and ignition sources. Product can slowly oxidize when in contact with air.

Incompatible Materials:

Strong oxidizing agents.

Decomposition Products:

No decomposition products known.

Section 11: Toxicological Information

Substance	LD50 Oral	LD50 Dermal	LC50 Inh
GRAPEFRUIT OIL	4400-5100 mg/kg (rat)	>5000 mg/kg (rabbit)	NA

Section 12: Ecological Information

Aquatic toxicity: Very toxic to aquatic organisms and to the aquatic environment. Potential for both acute and chronic effects.

Degradation / Mobility info:

No specific data available. Contained solvents are expected to degrade rapidly in the environment.

Bioaccumulative potential:

No specific data available.

Section 13: Disposal Conditions

Product disposal: Dispose of product in accordance with local, regional, and national regulations. Consult with waste contractor. Contains low levels of flammable solvents.

Container disposal:

Treat empty containers with extra care, as residual solvents may pose ignition hazard. Consult waste contractor.

Other considerations:

No further information.

Section 14: Transport Information

DOT Ground Non Bulk:

Not regulated

IMO/IMDG: UN 1169, extracts, aromatic, liquid, 3, PG III, marine pollutant

IATA: UN 1169, Extracts, aromatic, liquid, 3, PG III

Section 15: Regulatory Information

TSCA: Not listed

CERCLA RQ: Not listed

SARA 311/312: Not listed

SARA 313: Not listed

California Prop 65 Substances:

Not listed



Canadian DSL: Yes listed

Section 16: Other Information

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