

Safety Data Sheet
Orange 10X Essential Oil (V000091)

December 15, 2016

Section 1: Chemical Product and Company Identification

Product name: Orange 10X 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 4
Aspiration hazard Cat 1
Skin corrosion/irritation Cat 2
Sensitization, skin Cat 1

Hazard Statements:

H227: Combustible liquid
H304: May be fatal if swallowed and enters airways
H315: Causes skin irritation
H317: May cause an allergic skin reaction

Precautionary Statements:

P210: Keep away from heat/sparks/open flames/hots surfaces – No smoking
P240: Ground/bond container and receiving equipment
P241: Use explosion-proof electrical/ventilating/light/.../equipment



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- P242: Use only non-sparking tools
P243: Take precautionary measures against static discharge
P261: Avoid breathing dust/fume/gas/mist/vapors/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/attention
P362: Take off contaminated clothing and wash before reuse
P363: Wash contaminated clothing before reuse
P391: Collect spillage
P403+235: Store in a well ventilated place. Keep cool
P405: Store locked up
P363: Wash contaminated clothing before reuse

Section 3: Composition/Information on Ingredients

Substance	CAS#	Weight
Orange Oil 10 Fold	68606-94-0	100%

Section 4: First Aid Measures

General Info:

ENSURE MEDICAL PERSONNEL ARE CONTACTED AND INVOLVED. SHOW THIS SAFETY DATE 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

6.1 Personal precautions, protective equipment and emergency 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.

6.2 Methods and materials for containment and cleaning up

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.

6.3 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

7.1 Precautions for safe handling

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.

7.2 Conditions for safe storage, including any incompatibilities

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

7.3 Specific end uses

No information available

Section 8: Exposure Controls/Personal Protection

8.1 Control parameters

Substances with Exposure Limit:	CAS#	
D'LIMONENE	5989-27-5	30PPM 165.5 MG/M3

Engineering Controls: Use local exhaust as needed. Eye wash facilities must be available when handling this product.

8.2 Exposure controls - Personal protective equipment

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

Eye/Face Protection: Wear safety goggles or face shield.

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

Skin protection: Wear solvent resistant gloves.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance: Liquid

Odor: Characteristic

Color: Dark brown to brownish red

Viscosity: Liquid

Freezing Point: Not determined

Boiling Point: Not determined

Melting Point: Not determined

Flashpoint (CCCFP): 70 C

Vapor Pressure (mmHg@20 C): < .9mm

Specific Gravity: 0.85

Water Solubility: Insoluble

Section 10: Stability and Reactivity

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
Hazardous decomposition products	None known

Section 11: Toxicological Information

Substance	LD50 Oral	LD50 Dermal	LC50 Inh
ORANGE OIL 10-FOLD	4400 -5100 mg/kg (rat)	>5000 mg/kg (rabbit)	not determined



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Section 12: Ecological Information

12.1 Toxicity

Acute aquatic toxicity: Very Toxic to aquatic life

Chronic aquatic toxicity: Toxic to aquatic life with long lasting effects.

Toxicity Data on soil: No data available.

Toxicity on other organisms: No data available.

12.2 Persistence and degradability: No data available.

12.3 Bioaccumulative potential: No data available.

12.4 Mobility in soil: No data available.

12.5 Other adverse effects: No data available.

Section 13: Disposal Conditions

13.1 Waste treatment methods

Do not allow product to reach sewage systems. Dispose of in accordance with all local and national regulations. Send to a licensed waste management company. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container.

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 with waste contractor.

Section 14: Transport Information

Regulator	Class	Pack Group	Sub Risk	UN-nr.
U.S. DOT (Non-Bulk)	Not Regulated			
IATA (Air Cargo)	Not Regulated			
IMDG (Sea)	Not Regulated			

Section 15: Regulatory Information

U.S. Federal Regulations:

TSCA (Toxic Substance Control Act): Not Regulated

40 CFR (EPCRA, SARA, CERCLA and CAA): Not Regulated



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U.S. State Regulations:

California Proposition 65 Warning: Not Regulated

Canadian Regulations:

DSL / NDSL: 99.98% of the components are listed or exempt. The following components are NOT on the List:

94201-19-1 303-602-4 0.01 - 0.1% 1-Oxaspiro[4.5]decan-2-one, 8-methyl-, cis-

Section 16: Other Information

The information in this publication is believed to be accurate and is given in good faith, but no representation of warranty as to its completeness or accuracy is made. Suggestions for uses or applications are only opinions. Users are responsible for determining the suitability of these products for their own particular purpose. No representing of warranty, expressed or implied, is made with respect to information or products including, without limitation, warranties or merchantability, fitness for a particular purpose, non-fringement of any third party patent or other intellectual property rights including, without limit, copyright, trademark and design.