

Material Safety Data Sheet

**24 HOUR EMERGENCY NUMBER:
(800) 222-1222 POISON CONTROL**

SECTION 1.1 PRODUCT IDENTIFICATION

Product Name: Bergamot Essential Oil
CAS #: 8007-75-8
EINECS #: 289-612-9

SECTION 1.2 COMPANY INFORMATION

Company: Nature's Fusions
Address: 57 N 1380 W, Orem, UT, 84057
Telephone No: 801-872-9500

SECTION 2.1 HAZARDS CLASSIFICATION

GHS-US Classification: Flammable Liquid 3
Skin Corrosion/Irritation 2
Eye Damage/Irritation 2A
Sensitization - Skin 1
Aquatic Acute Environment 1
Aquatic Chronic Environment 1

SECTION 2.2 HAZARDS IDENTIFICATION

Signal Word: Danger
Hazard Pictograms:



Hazard Statement: H226 Flammable liquid and vapor.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statement: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P261 Avoid breathing vapor/ spray.
P273 Avoid release to the environment.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to

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extinguish.

P240 Ground/ bond container and receiving equipment.

P241 Use explosion-proof electrical equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P264 Wash contaminated skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P302+P352 IF ON SKIN: Wash with plenty of water.

P321 Specific treatment (see medical advice on this label).

P331 Do NOT induce vomiting.

P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.

P337+P313 If eye irritation persists: Get medical advice/ attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P391 Collect spillage.

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

P501 Dispose of contents/ container in accordance with national regulations.

SECTION 2.3 OTHER HAZARDS IDENTIFICATION

Other Hazards:

No additional information available.

SECTION 3. COMPOSITION

Product Name	CAS #	EC #	Concentration
Bergamot	8007-75-8	289-612-9	100%

SECTION 4.1 NECESSARY FIRST AID MEASURES

Eye Contact:	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.
Inhalation:	Remove person to fresh air and keep comfortable for breathing. Get medical attention.
Ingestion:	Rinse mouth thoroughly with water. Aspiration hazard if swallowed. Do not induce vomiting. Get medical attention.
Skin Contact:	Remove contaminated clothing immediately and wash skin with soap and water. Continue to rinse for at least 10 minutes. Get medical attention.

SECTION 4.2 SYMPTOMS

Eye Contact:	Causes serious eye irritation.
Inhalation:	Fatal if inhaled.
Ingestion:	May be fatal if swallowed and enters airways. Aspiration hazard if swallowed.
Skin Contact:	May cause an allergic reaction. May cause sensitization by skin contact.

SECTION 4.3 OTHER FIRST AID MEASURES

Medical Attention/Special Treatment:	Treat symptomatically.
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SECTION 5.1 EXTINGUISHING

Suitable Extinguishing media:	CO2. Dry Chemical. Foam.
Unsuitable Extinguishing media:	Water Jet.

SECTION 5.2 SPECIAL HAZARDS

Special Hazards Arising from Chemical:	May produce CO and other unidentified organic compounds.
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SECTION 5.3 FIRE FIGHTING MEASURES

Firefighter Instructions:	Wear protective clothing.
Protection during firefighting:	Avoid breathing fire gases or vapors.

SECTION 6.1 ACCIDENTAL RELEASE MEASURES

Personal Precautions:	No additional information available.
Protective equipment:	No additional information available.
Environmental Precautions:	Avoid release to the environment. Avoid discharge into drains.

SECTION 6.2 ACCIDENTAL RELEASE CLEANING MEASURES

Methods and Material for	Absorb with liquid binding material (e.g sand, diatomaceous earth, acid or
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Cleaning Up:

universal binding agents). Collect in closed and suitable containers for disposal. Wash spill site after material pick up is complete. No smoking, sparks, flames or other sources of ignition near spillage.

SECTION 7.1 PRECAUTIONS FOR HANDLING

Precautions for handling:

Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use. Avoid contact with skin and eyes. Do not breathe vapors. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not eat, drink or smoke when using this product.

SECTION 7.2 CONDITIONS FOR SAFE STORAGE

Conditions for safe storage:

Store in tightly-closed, original container in a dry, cool and well-ventilated place.

SECTION 8.1 EXPOSURE AND ENGINEERING CONTROLS

PEL, ACGIH, TLV exposure limit:

No additional information available.

Appropriate engineering controls:

Showers. Eyewash stations. Ventilation system.

SECTION 8.2 PERSONAL PROTECTION/EQUIPMENT

Eye/Face Protection:

Approved safety goggles.

Hand Protection:

Chemical resistant gloves.

Skin and Body Protection:

Wear apron or protective clothing in case of contact.

Respiratory Protection:

Generally unnecessary in a well ventilated area. If ventilation is insufficient, respiratory protection must be worn.

Environmental Exposure Control:

Avoid discharging into drains.

SECTION 8.3 ADDITIONAL INFORMATION

Other:

No additional information available.

SECTION 9.1 PHYSICAL PROPERTIES

Appearance:

Clear liquid, pale yellow to yellow

Odor:

Aroma is basically citrus, yet fruity and sweet with warm spicy floral quality, and is reminiscent of Neroli.

Odor Threshold:

No data available.

Physical State:

Liquid.

SECTION 9.2 CHEMICAL PROPERTIES

pH:	No data available.
Melting Point/Freezing Point:	No data available.
Boiling Point:	No data available.
Flash Point:	>54°-58° C
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Explosive limits:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
Vapor Pressure:	No data available.
Vapor Density:	No data available.
Specific Gravity:	0.861 - 0.888 @ 20° C (68° F)
Solubility:	Insoluble in water.
Partition coefficient: (n-octanol/water)	No data available.
Autoignition Temp:	No data available.
Decomposition Temp:	No data available.
Viscosity:	Mobile Liquid

SECTION 10. STABILITY AND REACTIVITY

Reactivity:	No hazardous reactions if stored and handled as prescribed/indicated.
Chemical Stability:	Stable under the prescribed storage conditions.
Hazardous Reactions:	Formation of explosive gas mixture with air possible. In case of inpropitious storing conditions, self-ignition is possible for moistened solids.
Incompatible Materials:	Avoid contact with the following materials: Strong acids. Strong alkalis. Oxidizing agents.
Hazardous Combustion or Decomposition Products:	No dangerous decomposition products expected by intended use.

SECTION 11.1 ROUTES OF EXPOSURE

Inhalation:	Refer to section 4.2
Skin Contact:	May cause an allergic skin reaction.
Eye Contact:	Causes serious eye irritation.
Ingestion:	Refer to section 4.2

SECTION 11.2 RELATED SYMPTOMS

Inhalation:	Refer to section 4.2
Skin Contact:	Refer to section 4.2
Eye Contact:	Refer to section 4.2
Ingestion:	Refer to section 4.2

SECTION 11.3 OTHER TOXICOLOGICAL INFORMATION

Delayed/Chronic Effects:	May cause allergic reactions on skin, may result in difficulty breathing.
Toxicity:	No additional information available.
Carcinogenic:	Not Carcinogenic.

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SECTION 12.1 ECOLOGICAL INFORMATION

Eco-toxicity:	Very toxic to aquatic life with long lasting effects.
Persistence and Degradability:	No additional information available.
Bio-accumulative:	No additional information available.
Mobility in Soil:	No additional information available.

SECTION 12.2 OTHER ECOLOGICAL INFORMATION

Other Adverse Effects:	No additional information available.
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SECTION 13. DISPOSAL CONSIDERATION

Waste Disposal Method:	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
Contaminated Packaging Disposal Method:	No additional information available.

SECTION 14. TRANSPORT INFORMATION

DOT Shipping (Land):	Regulated. Marine Pollutant: Yes.
IATA Shipping (Air):	Regulated
IMDG Shipping (Boat):	Regulated. Marine Pollutant: Yes. EMS No: F-D, S-D.
Proper Shipping Name:	Extracts, Aromatic, Liquid
UN #:	1197
Hazard Class:	3
Packaging Group:	III

SECTION 15. REGULATORY INFORMATION

US Federal Regulations:	Listed on the United States TSCA (Toxic Substances Control Act) Inventory
International Regulations:	Listed on the Canadian DSL (Domestic Substances List)

SECTION 16. OTHER INFORMATION

Health Hazard (HMIS):	N/A
Flammability Hazard (HMIS):	N/A
Physical Hazard (HMIS):	N/A
Sara 313:	None
California Proposition 65:	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm per the Safe Drinking Water and Enforcement Act of 1986.

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