

Material Safety Data Sheet

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

SECTION 1.1 PRODUCT IDENTIFICATION

Product Name: Marjoram Essential Oil
CAS #: 8015-01-8
EINECS #: 282-004-4

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
Sensitization - Skin 1
Acute Toxicity (dermal) 1
Aquatic Chronic Environment 2

SECTION 2.2 HAZARDS IDENTIFICATION

Signal Word: Danger
Hazard Pictograms:



Hazard Statement: H226 Flammable liquid and vapor.
H310 Fatal in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H411 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.
P240 Ground/Bond container and receiving equipment
P241 Explosion-free electrical equipment and lighting with earth
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 Wash hands thoroughly after handling
P272 Contaminated work clothing must not be allowed out of the workplace
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection

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P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor
P302+P352 IF ON SKIN: Wash with plenty of water/...
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P321 Specific treatment (see supplemental first aid instruction on this label)
P331 Do NOT induce vomiting.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362 Take off contaminated clothing.
P362+P364 Take off contaminated clothing and wash it before reuse.
P370+P378 In case of fire: Use media other than water to extinguish.
P391 Collect spillage.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose in a safe manner in accordance with local/national regulations.

SECTION 2.3 OTHER HAZARDS IDENTIFICATION

Other Hazards: No additional information available.

SECTION 3. COMPOSITION

Product Name	CAS #	EC #	Concentration
Marjoram	8015-01-8	282-004-4	100%

SECTION 4.1 NECESSARY FIRST AID MEASURES

Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Inhalation:	Assure fresh air breathing. Allow the victim to rest.
Ingestion:	Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER/doctor if you feel unwell. Immediately call a POISON CENTER/doctor.
Skin Contact:	Rinse skin with water/shower. Wash with plenty of water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

SECTION 4.2 SYMPTOMS

Eye Contact:	Causes serious eye irritation.
Inhalation:	May cause an allergic skin reaction.
Ingestion:	Swallowing a small quantity of this material will result in serious health hazard. May be fatal if swallowed and enters airways.
Skin Contact:	Causes skin irritation.

SECTION 4.3 OTHER FIRST AID MEASURES

Medical Attention/Special Treatment:	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.
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SECTION 5.1 EXTINGUISHING

Suitable Extinguishing media:	Dry Chemical Powder. Foam. Dry Powder. Carbon Dioxide. Sand.
Unsuitable Extinguishing media:	Heavy Water Stream.

SECTION 5.2 SPECIAL HAZARDS

Special Hazards Arising from Chemical:	Fire hazard: Flammable liquid and vapor. Explosion hazard: May form flammable/explosive vapor-air mixture.
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SECTION 5.3 FIRE FIGHTING MEASURES

Firefighter Instructions:	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting:	Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6.1 ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.
Protective equipment:	Equip cleanup crew with proper protection.

Environmental Precautions: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

SECTION 6.2 ACCIDENTAL RELEASE CLEANING MEASURES

Methods and Material for Cleaning Up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

SECTION 7.1 PRECAUTIONS FOR HANDLING

Precautions for handling: Handle empty containers with care because residual vapors are flammable. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Avoid breathing dust/fume/gas/mist/vapors/spray.

SECTION 7.2 CONDITIONS FOR SAFE STORAGE

Conditions for safe storage: Keep only in the original container in a cool, well ventilated place away from : Keep container tightly closed.

SECTION 8.1 EXPOSURE AND ENGINEERING CONTROLS

PEL, ACGIH, TLV exposure limit: No additional information available.
Appropriate engineering controls: Showers. Eyewash stations. Ventilation systems.

SECTION 8.2 PERSONAL PROTECTION/EQUIPMENT

Eye/Face Protection: Chemical goggles or safety glasses.
Hand Protection: Wear protective gloves.
Skin and Body Protection: Wear suitable protective glasses.
Respiratory Protection: In case of inadequate ventilation wear respiratory protection.
Environmental Exposure Control: No additional information available.

SECTION 8.3 ADDITIONAL INFORMATION

Other: Do not eat, drink, or smoke during use.

SECTION 9.1 PHYSICAL PROPERTIES

Appearance: Thin, clear, pale yellow liquid.
Odor: Middle note with a medium aroma, it has a warm and spicy aroma, with a note like nutmeg.
Odor Threshold: No data available.

SECTION 9.2 CHEMICAL PROPERTIES

pH:	No data available.
Melting Point/Freezing Point:	No data available.
Boiling Point:	200° C
Flash Point:	52.2° C
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Explosive limits:	No data available.
Vapor Pressure:	No data available.
Vapor Density:	No data available.
Specific Gravity:	0.841 – 0.9116 @ 20° C (68° F)
Solubility:	No data available.
Partition coefficient: (n-octanol/water)	No data available.
Autoignition Temp:	No data available.
Decomposition Temp:	No data available.
Viscosity:	No data available.

SECTION 10. STABILITY AND REACTIVITY

Reactivity:	No additional information available.
Chemical Stability:	Flammable liquid and vapor. May form flammable/explosive vapor-air mixture.
Hazardous Reactions:	Not established.
Incompatible Materials:	Strong acids. Strong bases.
Hazardous Combustion or Decomposition Products:	Carbon monoxide. Carbon dioxide. May release flammable gases.

SECTION 11.1 ROUTES OF EXPOSURE

Inhalation:	May cause an allergic skin reaction.
Skin Contact:	Causes skin irritation.
Eye Contact:	Causes serious eye irritation.
Ingestion:	Swallowing a small quantity of this material will result in serious health hazard. May be fatal if swallowed and enters airways.

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.

SECTION 12.1 ECOLOGICAL INFORMATION

Eco-toxicity:	Toxic to aquatic life with long lasting effects.
Persistence and Degradability:	May cause long-term adverse effects in the environment.
Bio-accumulative:	No additional information available.
Mobility in Soil:	No additional information available.

SECTION 12.2 OTHER ECOLOGICAL INFORMATION

Other Adverse Effects:	Avoid release to the environment.
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SECTION 13. DISPOSAL CONSIDERATION

Waste Disposal Method:	Dispose in a safe manner in accordance with local/national regulations. Dispose in a safe manner in accordance with local/national regulations.
Contaminated Packaging Disposal Method:	Handle empty containers with care because residual vapors are flammable.

SECTION 14. TRANSPORT INFORMATION

DOT Shipping (Land):	Regulated
IATA Shipping (Air):	Regulated
IMDG Shipping (Boat):	Regulated
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:	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

SECTION 16. OTHER INFORMATION

Health Hazard (HMIS):	0 Minimal Hazard
Flammability Hazard (HMIS):	2 Moderate Hazard
Physical Hazard (HMIS):	0 Minimal Hazard
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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