



LIBERTY NATURAL PRODUCTS, INC.

*The Source for the Finest
Pure and Natural Botanical Oils and Extracts*

Section 1. Product and Company Identification

Product Name:	THYME RED CARVACROL TYPE HUNGARY
Product Code:	1896
Description:	Essential Oil of Red Thyme Carvacrol
Product Use:	Industrial
Manufacturer:	Liberty Natural Products, 20949 S Harris Rd, Oregon City, OR 97045 (800) 289-8427
Emergency Phone:	USA, Canada, Mexico : 1-800-535-5053 International : 1-352-323-3500

Section 2. Hazards Identification

Category:	H226 Flammable liquid and vapor
Signal Word:	Warning
Ingestion:	H304 May be fatal if swallowed and enters airways
Health Risks:	H335 May cause respiratory irritation
Eye Contact:	H318 Causes serious eye damage.
Skin Contact:	H314 Causes severe skin burns and eye damage H317 May cause an allergic skin reaction
Environmental:	H411 Toxic to aquatic life with long lasting

Pictograms:



PRECAUTIONARY STATEMENT:

- P101 If medical advice is needed, have product container or label at hand
- P102 Keep out of reach of children
- P103 Read label before use
- P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- P240 Ground and bond container and receiving equipment
- P241 Use explosion-proof electrical/ventilating/lighting equipment
- P242 Use non-sparking tools
- P260 Do not breathe dusts or mists
- P264 Wash thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area
- 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

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P301 + 310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor
P301 + 330 + 331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P303 + 361 + 353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower)
P304 + 340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + 351 + 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P312 Call a POISON CENTER/ doctor if you feel unwell
P321 Specific treatment (see this label).
P333 + 313 If skin irritation or rash occurs: Get medical advice/attention
P362 + 364 Take off contaminated clothing and wash it before reuse
P363 Wash contaminated clothing before reuse.
P370 + 378 In case of fire: Use for extinction: CO₂, powder or water spray
P391 Collect spillage
P403 + 233 Store in a well-ventilated place. Keep container tightly closed.
P403 + 235 Store in a well-ventilated place. Keep cool
P405 Store locked up
P501 Dispose of contents/container in accordance with local/regional/national/international regulations

Section 3. Composition and Information on Ingredients

Chemical Name:	<i>Thymus vulgaris</i>
Physical State:	Liquid.
CAS #:	8007-46-3
Impurities:	None.
Trade Secret Claim:	None.

Section 4. First Aid Measures

Eyes:	Rinse opened eye for several minutes under running water. Then consult a doctor.
Skin Contact:	Immediately wash with water and soap and rinse thoroughly.
Inhalation:	Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.
Ingestion in excess:	Call for a doctor immediately. If accidentally swallowed obtain immediate medical attention. Rinse mouth. Do NOT induce vomiting – danger of aspiration.
Emergency Care:	Contact local emergency provider. For non-emergency, contact primary care provider.
PPE:	Gloves, lab coat or uniform, safety glasses, eyewash, safety shower.

Section 5. Fire-Fighting Measures

Flammability:	Flammable.
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Extinguishing Media:	SUITABLE: CO ₂ , dry chemical, or alcohol resistant foam NON SUITABLE: Water.
Special Fire-Fighting Procedure:	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighter's protective clothing will only provide limited protection. Wear self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode when fighting fires. Cool undamaged containers or piping with water. Do not allow contaminated extinguishing water to enter the soil, ground-water or surface waters.
Unusual Fire and Explosion Hazards:	Vapor may travel to source of ignition and flash back. Vapor may settle low or in confined spaces. May produce a floating fire hazard. Static ignition hazard can result from handling and use. Essential and vegetable oils have the potential to self-heat and contribute to spontaneous combustion when present on fabrics. Caution should be exercised in the storage and launder of fabrics exposed to oils.
PPE and Precautions for Firefighters:	Static charges generated by emptying package in or near flammable vapor may cause flash fire. Use water spray to cool unopened containers. Carbon oxides are produced upon combustion. Wear respiratory device.

Section 6. Accidental Release Measures

Personal Precautions:	Keep unnecessary personnel away. Eliminate all sources of ignition. Avoid contact with skin or inhalation of spillage, dust or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Wear respiratory device and protective equipment. Avoid contact with skin and inhalation of its vapors or smoke.
Environmental Precautions:	Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid release to the environment. Retain and dispose of contaminated wash water. Contact local authorities in case of spillage to drain/aquatic environment.
Containment:	Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb with clay, sand, or other non-combustible

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material. Prevent entry into waterways, sewers, and confined areas.

Clean Up: Dispose of absorbent material as according to section 13.
Ensure adequate ventilation.

Section 7. Handling and Storage

Handling Precautions: Avoid contact with skin, eyes and mucous. Keep container closed. Handle containers with care. Open slowly in order to control possible pressure release. Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care. Prevent formation of aerosols. Smoking, eating and drinking should be prohibited in application area.

Storage Precautions: Keep container tightly sealed. Store separated from foodstuff or animal food and oxidizing agents. Protect from heat and direct sunlight. Store in a cool, dry and well-ventilated place, keep container tightly closed. Recommended storage condition 18–25 °C (64 - 77 °F).

Other: See Section 8

Section 8. Exposure Controls/Personal Protection

Engineering Controls: Exhaust ventilation or other engineering controls to keep vapor concentration below their respective threshold limit value. Ensure eyewash stations and safety showers are proximal to the work station. Use explosion-proof ventilation equipment to stay below exposure limits.

Respiratory Protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-container respiratory protective device.

Hand Protection: Wear chemical resistant gloves. The glove material has to be impermeable and resistant to the product/the substance/the preparation.

Eye Protection: Tightly sealed goggles giving complete protection to eyes. Eyewash bottle with clean water.

Skin and Body Protection: Clothes for chemical protection to avoid contact. Use of an impervious apron is recommended.

Ingestion: Do not eat, drink and smoke while using

Industrial Hygiene: When using, do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

OSHA Permissible Exposure Limits (PELs): N/A

ACGIH Threshold Limit Values: N/A

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Section 9. Physical and Chemical Properties

Appearance:	Yellow to yellowish red liquid
Upper/Lower Flammability:	N/A
Odor:	Phenolic, spicy, herbal
Vapor Pressure:	N/A
Odor Threshold:	N/A
Vapor Density:	N/A
pH:	N/A
Relative Density:	N/A
Melting Point:	N/A
Freezing Point:	N/A
Solubility:	Insoluble
Initial Boiling Point and Boiling Range:	178.3 - 256.8 °C
Flash Point:	55°C/131°F
Evaporation Rate:	N/A
Flammability Category:	N/A
Partition Coefficient:	N/A
Auto-ignition Temperature:	N/A
Decomposition Temperature:	N/A
Viscosity:	N/A
Specific Gravity:	N/A

Section 10. Stability and Reactivity

Stability:	Stable under normal circumstances.
Avoid:	Avoid direct sunlight, heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatibility:	Oxidizing mineral acids, strong reducing agents, strong oxidizing agents.
Hazardous Byproducts:	None in normal conditions. Carbon monoxide and other unidentified organic compounds
Other:	No hazardous decomposition products if stored and handled as indicated.

Section 11. Toxicological Information

Toxicological and Health Effects:	Nontoxic at established levels.
Likely Routes of Exposure:	Eyes, nose, mouth, skin.
Signs and Symptoms of Exposure:	Skin irritation. May cause redness and pain. May cause an allergic skin reaction, dermatitis or rash.
LD50 (median lethal dose):	N/A
Listed NTP Carcinogen:	Based on available data, the classification criteria are not met.
INGESTION:	Can be noxious

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Section 12. Ecological Information

TOXICITY:	Harmful to aquatic life with long lasting effects.
PERSISTENCE / DEGRADABILITY:	No data is available on the degradability of this product.
BIOACCUMULATION POTENTIAL:	No information available.
RESULTS OF PBT AND vPvB ASSESSMENT:	
ASSESSMENT:	No information available.
MOBILITY IN SOIL:	No information available.
OTHER ADVERSE EFFECTS:	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Section 13. Disposal Considerations

Disposal Containers:	Packaging, waste product and materials used for absorbing spills should be disposed of in the same manner as the substance.
Waste Disposal:	Must not be disposed together with household garbage. Do not allow product to reach sewage system. Waste disposal by ignition in accordance with international, national and local regulations.
Special Considerations:	Do not contaminate the ground water with waste. Do not dispose of waste into the environment.

Section 14. Transport Information

UN Number:	2924
UN Shipping Name:	Flammable liquid, corrosive, n.o.s.
Transport Hazard Class:	3
Packing Group Number:	III
Stowage and Handling:	N/A

Section 15. Regulatory Information

Product Regulations:	N/A
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Section 16. Other Information

Last Revised:	1/30/2020	Initial of Author: SAM
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This information is provided for documentation purposes only.

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This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.

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