

2470 – Thyme Oil

Safety Data Sheet

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Date of issue: 09/18/2015 Version: 2

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : 2470 – Thyme Oil
Product form : Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Food industry component

1.3. Details of the supplier of the safety data sheet

LorAnn Oils, Inc.
4518 Aurelius Road
Lansing, MI 48910
Telephone: 1.800.862.8620

1.4. Emergency telephone number

Emergency number : CHEMTREC: Within USA and Canada: 1.800.424.9300 Outside USA and Canada: +1 703 527 3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Environmental hazard A2	H401 Toxic to aquatic life
Environmental hazard C2	H411 Toxic to aquatic life with long-lasting effects
Flammable liquid 3	H226 Flammable liquid and vapour
Skin corrosion/irritation 2	H314 Causes severe skin burns and eye damage

2.2. Label elements

GHS label elements: The substance is classified and labeled according to the Globally Harmonized System (GHS).



Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : H401 Toxic to aquatic life
H411 Toxic to aquatic life with long-lasting effects
H226 Flammable liquid and vapour
H314 Causes severe skin burns and eye damage

Precautionary statements (GHS-US) : P261 Avoid breathing dust/fumes/gas/mist/vapors/spray
P273 Avoid release to the environment
P501 Dispose of contents/container in accordance with local/regional/national/international regulations
P331 Do NOT induce vomiting
P280 Wear protective gloves/protective clothing/eye protection/face protection

SECTION 3: Composition/information on ingredients :

Chemical Characterization: Substances

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Remove from exposure and move to fresh air immediately. Get medical assistance if cough or other symptoms appear.
First-aid measures after skin contact	: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
First-aid measures after eye contact	: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.
First-aid measures after ingestion	: Do not induce vomiting. Get medical aid if irritation of symptoms occurs.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : CO2, dry powder or foam type extinguishers

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6: Accidental release measures

PROCEDURE : Remove any source of flame or sparks. If in a confined area NIOSH approved respiratory protection may be required. Remove individuals from the area if they do not have respiratory/dust protection. Spray material with water to prevent dusting and remove to an approved disposal container. Follow Federal, State and Local procedures for cleaning up of powder. Dispose of in accordance with current laws and regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Handle according to good safety procedures, avoiding unnecessary exposure by wearing appropriate protective gear for the situation.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Store in full closed containers in a cool dry area away from heat, light and sources of ignition.

SECTION 8: Exposure controls/personal protection

Respiratory protection	: Respiratory protection is normally not required in well ventilated areas. However, approved respiratory protection may be required when the material is rated toxic by inhalation or if the material is to be used in a confined area.
Eye protection	: May be irritating
Skin protection	: May be irritating

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Colorless to pale yellow
Odor	: Pleasant thymol odor
pH	: N/A
Relative evaporation rate (butyl acetate=1)	: N/A

Melting point	: N/A
Boiling point	: N/A
Flash point	: 138°F
Auto-ignition temperature	: N/A
Vapor pressure at 20 °C	: N/A
Refractive index	: 1.498
Specific gravity	: 0.918
Solubility	: Slightly
Viscosity, dynamic	: N/A
Auto-ignition temperature	: N/A

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Y

10.3. Substances to be avoided

Strong oxidizing agents, strong reducing agents

10.4. Hazardous decomposition products

Carbon monoxide, carbon dioxide

SECTION 11: Toxicological information

LD50 (ORAL) : N/A

LD50 (DERMAL) : N/A

LC50 : N/A

MUTAGENICITY : N/A

CARCINOGENICITY : N/A

REPRODUCTIVE TOXICITY : N/A

SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity : Not available

Persistence and degradability : Not available

12.2. Behavior in environmental systems

Bioconcentration factor : Not available

Mobility in soil : Not available

12.3. Additional Ecological Information

Results of PBT and vPvB assessment

PBT: Not available

vPvB: Not available

Other adverse effects:

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State and Local Regulations.

SECTION 14: Transport information

DOT: *Not regulated*

UN/NA ID#: *1266*

TARIFF#: *3302.90*

HAZARD CLASS: *3*

PACKAGING GROUP: *III*

IMO: *Perfumery product*

IATA: *Perfumery product*

SECTION 15: Regulatory information

- **GHS label elements:** The substance is classified and labelled according to the Globally Harmonized System (GHS).

- **Hazard pictograms:**



- **Signal word:** Danger
- **Risk Phrases:**
 - R36 Irritating to eyes
 - R43 May cause sensitization by skin contact
- **Safety Phrases:**
 - S24/25 Avoid contact with skin and eyes
 - S37/39 Wear suitable gloves and eye/face protection

SECTION 16: Other information

Other information

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