# THYME RED

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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## SECTION 1: Identification

### 1.1. Identification

Product form : Mixture

Product name : THYME RED

CAS-No. : N/A

Product code : 50-6275-02

### 1.2. Recommended use and restrictions on use

### 1.3. Supplier

The Lebermuth Company
4004 Technology Drive
South Bend, IN 46628 - United States
T 574-259-7000 - F 574-258-7450
info@lebermuth.com - www.lebermuth.com

### 1.4. Emergency telephone number

Emergency number : CHEMTREC - USA: 800-424-9300 International: +1 703-527-3887 / 1-800-424-9300
CCN 13010

## SECTION 2: Hazard(s) identification

### 2.1. Classification of the substance or mixture

**GHS US classification**

| | |
|---|---|
| Flammable liquids Category 3 | Flammable liquid and vapor |
| Acute toxicity (oral) Category 4 | Harmful if swallowed |
| Skin corrosion/irritation Category 1B | Causes severe skin burns and eye damage |
| Serious eye damage/eye irritation Category 1 | Causes serious eye damage |
| Skin sensitization, Category 1 | May cause an allergic skin reaction |
| Reproductive toxicity Category 2 | Suspected of damaging fertility or the unborn child |
| Aspiration hazard Category 1 | May be fatal if swallowed and enters airways |

### 2.2. GHS Label elements, including precautionary statements

**GHS US labeling**

Hazard pictograms (GHS US) :

GHS02 GHS05 GHS07 GHS08

Signal word (GHS US) : Danger

Hazard statements (GHS US) : Flammable liquid and vapor
Harmful if swallowed
May be fatal if swallowed and enters airways
Causes severe skin burns and eye damage
May cause an allergic skin reaction
Causes serious eye damage
Suspected of damaging fertility or the unborn child

Precautionary statements (GHS US) : Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Ground/Bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Do not breathe dust/fume/gas/mist/vapors/spray.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Wash hands, forearms and face thoroughly after handling.

Do not eat, drink or smoke when using this product.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
If swallowed: Immediately call a poison center or doctor.
If swallowed: Call a poison center or doctor if you feel unwell.
If swallowed: rinse mouth. Do NOT induce vomiting.
If on skin: Wash with plenty of water.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If exposed or concerned: Get medical advice/attention.
Immediately call a poison center or doctor.
Specific treatment (see supplemental first aid instruction on this label).
Rinse mouth.
Do NOT induce vomiting.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
In case of fire: Use media other than water to extinguish.
Store in a well-ventilated place. Keep cool.
Store locked up.
Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name | Product identifier | % | GHS US classification |
|---|---|---|---|
| THYMOL | (CAS-No.) 89-83-8 | 25 – 50 | Acute Tox. 4 (Oral), H302<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318 |
| P-CYMENE | (CAS-No.) 99-87-6 | 25 – 50 | Flam. Liq. 3, H226<br>Acute Tox. 3 (Inhalation), H331<br>Acute Tox. 3 (Inhalation:vapour), H331<br>Repr. 2, H361<br>Asp. Tox. 1, H304 |
| GAMMA-TERPINENE | (CAS-No.) 99-85-4 | 5 – 10 | Flam. Liq. 3, H226<br>Repr. 2, H361<br>Asp. Tox. 1, H304 |
| LINALOOL | (CAS-No.) 78-70-6 | 1 – 5 | Flam. Liq. 4, H227<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>Skin Sens. 1B, H317 |
| CARVACROL | (CAS-No.) 499-75-2 | 1 – 5 | Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>Skin Sens. 1B, H317 |
| BETA-MYRCENE | (CAS-No.) 123-35-3 | 1 – 5 | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>Asp. Tox. 1, H304 |
| ALPHA-TERPINENE | (CAS-No.) 99-86-5 | 0.1 – 1 | Flam. Liq. 3, H226<br>Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2B, H320<br>Skin Sens. 1, H317<br>Asp. Tox. 1, H304 |

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures general : Call a physician immediately.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Call a physician immediately.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a physician immediately.

### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation : Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.

Symptoms/effects after skin contact : Burns. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Serious damage to eyes.

Symptoms/effects after ingestion : Burns. Risk of lung edema.

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Specific hazards arising from the chemical

Fire hazard : Flammable liquid and vapor.

Explosion hazard : No direct explosion hazard.

Reactivity : Flammable liquid and vapor.

### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.

#### 6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

| | | |
|---|---|---|
| Additional hazards when processed | : | Not expected to present a significant hazard under anticipated conditions of normal use. |
| Precautions for safe handling | : | Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray. |
| Hygiene measures | : | Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. |

### 7.2. Conditions for safe storage, including any incompatibilities

| | | |
|---|---|---|
| Technical measures | : | Ground/bond container and receiving equipment. |
| Storage conditions | : | Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. |
| Packaging materials | : | Store always product in container of same material as original container. |

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| **THYME RED (N/A)** |
|---|
| No additional information available |

| **THYMOL (89-83-8)** |
|---|
| No additional information available |

| **LINALOOL (78-70-6)** |
|---|
| No additional information available |

| **P-CYMENE (99-87-6)** |
|---|
| No additional information available |

| **CARVACROL (499-75-2)** |
|---|
| No additional information available |

| **BETA-MYRCENE (123-35-3)** |
|---|
| No additional information available |

| **ALPHA-TERPINENE (99-86-5)** |
|---|
| No additional information available |

| **GAMMA-TERPINENE (99-85-4)** |
|---|
| No additional information available |

### 8.2. Appropriate engineering controls

| | | |
|---|---|---|
| Appropriate engineering controls | : | Ensure good ventilation of the work station. |
| Environmental exposure controls | : | Avoid release to the environment. |

### 8.3. Individual protection measures/Personal protective equipment

**Personal protective equipment:**

Wear recommended personal protective equipment.

**Hand protection:**

Protective gloves

**Eye protection:**

Safety glasses

**Skin and body protection:**

Wear suitable protective clothing

**Respiratory protection:**

[In case of inadequate ventilation] wear respiratory protection.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

| | | |
|---|---|---|
| Physical state | : | Liquid |
| Color | : | YELLOW, ORANGE TO AMBER LIQUID |
| Odor | : | CHARACTERISTIC THYME ODOR |
| Odor threshold | : | No data available |
| pH | : | No data available |
| Melting point | : | Not applicable |
| Freezing point | : | No data available |
| Boiling point | : | No data available |
| Flash point | : | 55 °C |
| Relative evaporation rate (butyl acetate=1) | : | No data available |
| Flammability | : | Not applicable. |
| Vapor pressure | : | No data available |
| Relative vapor density at 20°C | : | No data available |
| Relative density | : | 0.911 (0.895 – 0.92) |
| Solubility | : | Insoluble. |
| Partition coefficient n-octanol/water (Log Pow) | : | No data available |
| Auto-ignition temperature | : | No data available |
| Decomposition temperature | : | No data available |
| Viscosity, kinematic | : | No data available |
| Viscosity, dynamic | : | No data available |
| Explosion limits | : | No data available |
| Explosive properties | : | No data available |
| Oxidizing properties | : | No data available |

### 9.2. Other information

| | | |
|---|---|---|
| Refractive index | : | 1.5 (1.493 – 1.507) |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Flammable liquid and vapor.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed.
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

| | |
|---|---|
| ATE US (oral) | 1676.764 mg/kg body weight |

| **THYMOL (89-83-8)** | |
|---|---|
| ATE US (oral) | 980 mg/kg body weight |

| **LINALOOL (78-70-6)** | |
|---|---|
| ATE US (oral) | 2790 mg/kg body weight |

| **P-CYMENE (99-87-6)** | |
|---|---|
| LD50 oral rat | 4750 mg/kg (Rat, Male / female, Experimental value, Oral, 14 day(s)) |
| LD50 dermal rabbit | > 5000 mg/kg (Rabbit, Experimental value, Dermal, 14 day(s)) |
| LC50 Inhalation - Rat | > 9.7 mg/l (5 h, Rat, Experimental value, Inhalation) |
| ATE US (oral) | 4750 mg/kg body weight |
| ATE US (gases) | 700 ppmV/4h |
| ATE US (vapors) | 9.7 mg/l/4h |
| ATE US (dust, mist) | 0.5 mg/l/4h |

| **CARVACROL (499-75-2)** | |
|---|---|
| ATE US (oral) | 810 mg/kg body weight |

| **BETA-MYRCENE (123-35-3)** | |
|---|---|
| LD50 oral rat | > 11390 mg/kg body weight Animal: rat |
| LD50 dermal rabbit | > 5000 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |

| **ALPHA-TERPINENE (99-86-5)** | |
|---|---|
| ATE US (oral) | 1680 mg/kg body weight |

| **GAMMA-TERPINENE (99-85-4)** | |
|---|---|
| ATE US (oral) | 3650 mg/kg body weight |

Skin corrosion/irritation : Causes severe skin burns.
Serious eye damage/irritation : Causes serious eye damage.
Respiratory or skin sensitization : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

| **BETA-MYRCENE (123-35-3)** | |
|---|---|
| IARC group | 2B - Possibly carcinogenic to humans |

Reproductive toxicity : Suspected of damaging fertility or the unborn child.

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

| **BETA-MYRCENE (123-35-3)** | |
|---|---|
| LOAEL (oral,rat,90 days) | 250 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
| NOAEL (subchronic,oral,animal/male,90 days) | 500 mg/kg body weight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
| NOAEL (subchronic,oral,animal/female,90 days) | 250 mg/kg body weight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |

Aspiration hazard : May be fatal if swallowed and enters airways.

| | | |
|---|---|---|
| Viscosity, kinematic | : | No data available |
| Symptoms/effects after inhalation | : | Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard. |
| Symptoms/effects after skin contact | : | Burns. May cause an allergic skin reaction. |
| Symptoms/effects after eye contact | : | Serious damage to eyes. |
| Symptoms/effects after ingestion | : | Burns. Risk of lung edema. |

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.

| P-CYMENE (99-87-6) | |
|---|---|
| LC50 - Fish [1] | 48 mg/l (EPA OPPTS 850.1075, 96 h, Cyprinodon variegatus, Static system, Salt water, Experimental value) |
| EC50 - Crustacea [1] | 3.7 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Semi-static system, Fresh water, Experimental value, GLP) |

| BETA-MYRCENE (123-35-3) | |
|---|---|
| EC50 - Crustacea [1] | 1.47 mg/l Test organisms (species): Daphnia magna |

### 12.2. Persistence and degradability

| P-CYMENE (99-87-6) | |
|---|---|
| Persistence and degradability | Readily biodegradable in water. |

| BETA-MYRCENE (123-35-3) | |
|---|---|
| Persistence and degradability | Readily biodegradable in water. |

### 12.3. Bioaccumulative potential

| P-CYMENE (99-87-6) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 4.8 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 20 °C) |
| Bioaccumulative potential | Potential for bioaccumulation (4 ≤ Log Kow ≤ 5). |

| BETA-MYRCENE (123-35-3) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 5.285 (Literature, 25 °C) |
| Bioaccumulative potential | High potential for bioaccumulation (Log Kow > 5). |

### 12.4. Mobility in soil

| P-CYMENE (99-87-6) | |
|---|---|
| Surface tension | No data available in the literature |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 4.17 (log Koc, SRC PCKOCWIN v2.0, QSAR) |
| Ecology - soil | Low potential for mobility in soil. |

| BETA-MYRCENE (123-35-3) | |
|---|---|
| Ecology - soil | No (test)data on mobility of the substance available. |

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

| | | |
|---|---|---|
| Regional waste regulation | : | Disposal must be done according to official regulations. |
| Waste treatment methods | : | Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Sewage disposal recommendations | : | Disposal must be done according to official regulations. |
| Product/Packaging disposal recommendations | : | Disposal must be done according to official regulations. |

Additional information : Flammable vapors may accumulate in the container. Do not re-use empty containers.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

Transport document description (DOT) : UN2920 Corrosive liquids, flammable, n.o.s. (Thymol), 8 (3), II

UN-No.(DOT) : UN2920

Proper Shipping Name (DOT) : Corrosive liquids, flammable, n.o.s.
Thymol

Class (DOT) : 8 - Class 8 - Corrosive material 49 CFR 173.136

Packing group (DOT) : II - Medium Danger

Subsidiary risk (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

Hazard labels (DOT) : 8 - Corrosive
3 - Flammable liquid


DOT Packaging Non Bulk (49 CFR 173.xxx) : 202

DOT Packaging Bulk (49 CFR 173.xxx) : 243

DOT Special Provisions (49 CFR 172.102) : B2 - MC 300, MC 301, MC 302, MC 303, MC 305, and MC 306 and DOT 406 cargo tanks are not authorized.
IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.
T11 - 6 178.274(d)(2) Normal..... 178.275(d)(3)
TP2 - a. The maximum degree of filling must not exceed the degree of filling determined by the following: (image) Where: tr is the maximum mean bulk temperature during transport, tf is the temperature in degrees celsius of the liquid during filling, and a is the mean coefficient of cubical expansion of the liquid between the mean temperature of the liquid during filling (tf) and the maximum mean bulk temperature during transportation (tr) both in degrees celsius. b. For liquids transported under ambient conditions may be calculated using the formula: (image) Where: d15 and d50 are the densities (in units of mass per unit volume) of the liquid at 15 C (59 F) and 50 C (122 F), respectively.
TP27 - A portable tank having a minimum test pressure of 4 bar (400 kPa) may be used provided the calculated test pressure is 4 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

DOT Packaging Exceptions (49 CFR 173.xxx) : 154

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 1 L

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 30 L

DOT Vessel Stowage Location : C - The material must be stowed ‘‘on deck only’’ on a cargo vessel and on a passenger vessel.

DOT Vessel Stowage Other : 25 - Protected from sources of heat,40 - Stow ‘‘clear of living quarters’’

Emergency Response Guide (ERG) Number : 132

Other information : No supplementary information available.

### Transportation of Dangerous Goods

Transport document description (TDG) : UN2920 CORROSIVE LIQUID, FLAMMABLE, N.O.S. (Thymol), 8 (3), II

UN-No. (TDG) : UN2920

Proper Shipping Name (TDG) : CORROSIVE LIQUID, FLAMMABLE, N.O.S.

TDG Primary Hazard Classes : 8 - Class 8 - Corrosives

Packing group (TDG) : II - Medium Danger

TDG Subsidiary Classes : 3

| | | |
|---|---|---|
| TDG Special Provisions | : | 16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A) of Part 3 (Documentation). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4 (Dangerous Goods Safety Marks).<br>(2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name:<br>(a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S;<br>(b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S;<br>(c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S;<br>(d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S; or<br>(e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S.<br>(3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment:<br>(a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or<br>(b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS. |
| Explosive Limit and Limited Quantity Index | : | 1 L |
| Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index | : | 1 L |

### Transport by sea

| | | |
|---|---|---|
| Transport document description (IMDG) | : | UN 2920 CORROSIVE LIQUID, FLAMMABLE, N.O.S. (Thymol), 8 (3), II |
| UN-No. (IMDG) | : | 2920 |
| Proper Shipping Name (IMDG) | : | CORROSIVE LIQUID, FLAMMABLE, N.O.S. |
| Class (IMDG) | : | 8 - Corrosive substances |
| Packing group (IMDG) | : | II - substances presenting medium danger |
| Subsidiary hazard (IMDG) | : | 3 - Flammable liquids |
| Limited quantities (IMDG) | : | 1 L |

### Air transport

| | | |
|---|---|---|
| Transport document description (IATA) | : | UN 2920 Corrosive liquid, flammable, n.o.s. (Thymol), 8 (3), II |
| UN-No. (IATA) | : | 2920 |
| Proper Shipping Name (IATA) | : | Corrosive liquid, flammable, n.o.s. |
| Class (IATA) | : | 8 - Corrosives |
| Packing group (IATA) | : | II - Medium danger |
| Subsidiary hazards (IATA) | : | 3 - Flammable Liquids |

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

| **THYMOL (89-83-8)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

| **CARVACROL (499-75-2)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

### 15.2. International regulations

#### CANADA

| **THYMOL (89-83-8)** |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |
| **LINALOOL (78-70-6)** |
| Listed on the Canadian DSL (Domestic Substances List) |

| **P-CYMENE (99-87-6)** |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |

| **CARVACROL (499-75-2)** |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |

| **BETA-MYRCENE (123-35-3)** |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |

| **ALPHA-TERPINENE (99-86-5)** |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |

| **GAMMA-TERPINENE (99-85-4)** |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |

### EU-Regulations

No additional information available

### National regulations

| **LINALOOL (78-70-6)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active<br>Listed on INSQ (Mexican National Inventory of Chemical Substances) |

| **P-CYMENE (99-87-6)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active<br>Listed on INSQ (Mexican National Inventory of Chemical Substances) |

| **BETA-MYRCENE (123-35-3)** |
|---|
| Listed on IARC (International Agency for Research on Cancer)<br>Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active<br>Listed on INSQ (Mexican National Inventory of Chemical Substances) |

| **ALPHA-TERPINENE (99-86-5)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active |

| **GAMMA-TERPINENE (99-85-4)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active<br>Listed on INSQ (Mexican National Inventory of Chemical Substances) |

### 15.3. US State regulations

**⚠ WARNING:** This product can expose you to methyl eugenol, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

This product can expose you to beta-myrcene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

| Component | State or local regulations |
|---|---|
| P-CYMENE(99-87-6) | U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) List |

## SECTION 16: Other information

Revision date : 04/18/2024

Full text of H-phrases:

| | |
|---|---|
| H226 | Flammable liquid and vapor |
| H227 | Combustible liquid |
| H302 | Harmful if swallowed |
| H304 | May be fatal if swallowed and enters airways |
| H314 | Causes severe skin burns and eye damage |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation |
| H320 | Causes eye irritation |
| H331 | Toxic if inhaled |
| H361 | Suspected of damaging fertility or the unborn child |

SDS US (GHS HazCom 2012) - Lebermuth

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*