MATERIAL SAFETY DATA SHEET
THYME CT LINALOOL PORTUGAL

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: THYME CT LINALOOL PORTUGAL

CAS-NO. 84625-32-1
EC (EINECS) NO. 283-406-2

CHEMICAL NAME DEFINITION/BOTANICAL: Thymus vulgaris Oil is the volatile oil obtained from the whole plant of the Thyme, Thymus vulgaris ct Linalool.

SYNONYMS, TRADE NAMES INCI Name: Thymus vulgaris Oil

SUPPLIER: SunRose Aromatics, LLC
198 Lincolnville Road
Belmont, Maine 04952
CONTACT PERSON: Regulatory Manager
EMERGENCY TELEPHONE: 207 342 2046 - Office Hours are 10-6 weekdays only.

1. HAZARDS IDENTIFICATION

CLASSIFICATION (1999/45) C;R34. R43. N;R51/53.
CLASSIFICATION (EC 1272/2008):
Physical and Chemical Hazards Not classified.

Human health Skin Corr. 1B - H314; Skin Sens. 1 - H317
Environment Aquatic Chronic 2 - H411

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008

SIGNAL WORD: Danger
CONTAINS: ALPHA PINENE
CARVACROL
THYMOL

HAZARD STATEMENTS:

H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.

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PRECAUTIONARY STATEMENTS:
P273  Avoid release to the environment.
P280  Wear protective gloves/protective clothing/eye protection/face protection.
P264a Wash skin thoroughly after handling.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310  Immediately call a POISON CENTER or doctor/physician.

SUPPLEMENTARY PRECAUTIONARY STATEMENTS
P260  Do not breathe dust/fume/gas/mist/vapours/spray.
P261  Avoid breathing dust/fume/gas/mist/vapours/spray.
P272  Contaminated work clothing should not be allowed out of the workplace.
P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+352 IF ON SKIN: Wash with plenty of soap and water.
P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P333+313 If skin irritation or rash occurs: Get medical advice/attention.
P363  Wash contaminated clothing before reuse.
P391  Collect spillage.
P405  Store locked up.

3 COMPOSITION/INFORMATION ON INGREDIENTS:

ALPHA PINENE  1-5%
CAS-No.: 80-56-8  EC No.: 201-291-9

Classification (EC 1272/2008)  Classification (67/548/EEC)
Flam. Liq. 3 - H226  Xn;R65.
Skin Sens. 1 - H317  N;R50/53.
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

CARVACROL  1-5%
CAS-No.: 499-5-2  EC No.: 207-889-6

Classification (EC 1272/2008)  Classification (67/548/EEC)
Acute Tox. 4 - H302  Xn;R22.
Skin Irrit. 2 - H315  Xi;R38
Skin Sens. 1 - H317  R43.

HYDROCARBONS.
CAS-No.: EC No.:
Classification (EC 1272/2008)  Classification (67/548/EEC)
Asp. Tox. 1 - H304  Xn;R65.

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LIMONENE
CAS-No.: 138-86-3 EC No.: 205-341-0
Classification (EC 1272/2008) Classification (67/548/EEC)
Flam. Liq. 3 - H226 Xi;R65.
Skin Irrit. 2 - H315 Xi;R38
Skin Sens. 1 - H317 N;R50/53
Asp. Tox. 1 - H304 R10,R43.
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

LINALOOL 60-100%
CAS-No.: 78-70-6 EC No.: 201-134-4
Classification (EC 1272/2008) Classification (67/548/EEC)
Skin Irrit. 2 - H315 Xi;R38.

THYMOL 10-30%
CAS-No.: 89-83-8 EC No.: 201-944-8
Classification (EC 1272/2008) Classification (67/548/EEC)
Acute Tox. 4 - H302 C;R34
Skin Corr. 1B - H314 Xn;R22
Aquatic Chronic 2 - H411 N;R51/53

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16
EC (EINECS) NO. 283-406-2
CAS-NO. 84625-32-1

4 FIRST-AID MEASURES:

GENERAL INFORMATION:
Remove affected person from source of contamination. Perform artificial respiration if breathing has stopped.

NOTES TO THE PHYSICIAN:
No specific first aid measures noted.

INHALATION:
Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION:
If necessary, rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

SKIN CONTACT:
If necessary remove contaminated clothing and wash skin with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT:
Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

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5 FIRE-FIGHTING MEASURES:

EXTINGUISHING MEDIA:
Fire can be extinguished using: Foam, carbon dioxide or dry powder.

SPECIAL FIRE FIGHTING PROCEDURES:
Containers close to fire should be removed immediately or cooled with water.

UNUSUAL FIRE & EXPLOSION HAZARDS:
No unusual fire or explosion hazards noted.

SPECIFIC HAZARDS:
When heated and in case of fire, toxic vapours/gases may be formed.

PROTECTIVE MEASURES IN FIRE:
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES:

PERSONAL PRECAUTIONS:
Use protective gloves, goggles and suitable protective clothing. In case of spills, beware of slippery floors and surfaces.

ENVIRONMENTAL PRECAUTIONS:
Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS:
Absorb with inert, damp, non-combustible material, then flush area with water. Shovel into dry containers. Cover and move the containers. Flush the area with water.

7 HANDLING AND STORAGE:

USAGE PRECAUTIONS:
Avoid spilling, skin and eye contact. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying and dispensing.

STORAGE PRECAUTIONS:
Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.

STORAGE CLASS:
Unspecified storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION:

PROTECTIVE EQUIPMENT

ENGINEERING MEASURES:
Provide adequate ventilation.

RESPIRATORY EQUIPMENT:
No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

HAND PROTECTION:
Protective gloves should be used if there is a risk of direct contact or splash.
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EYE PROTECTION:
If risk of splashing, wear safety goggles or face shield.

OTHER PROTECTION:
Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES:
No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

SKIN PROTECTION:
Wear apron or protective clothing in case of splashes.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear Mobile Liquid
COLOR: Colorless to pale yellow
ODOUR: Characteristic
RELATIVE DENSITY: 0.866 - 0.896 @ 20°C
FLASH POINT (°C) 65
REFRACTIVE INDEX 1.461 - 1.491 @ 20°C

10 STABILITY AND REACTIVITY

STABILITY:
Stable under normal temperature conditions.
CONDITIONS TO AVOID:
Avoid heat, flames and other sources of ignition.
HAZARDOUS POLYMERISATION:
Will not polymerise.
MATERIALS TO AVOID:
HAZARDOUS DECOMPOSITION PRODUCTS:
In case of fire, toxic gases (CO, CO2, NOx) may be formed.

11 TOXICOLOGICAL INFORMATION
See section-2
GENERAL INFORMATION
No specific health warnings noted.
INHALATION
No specific health warnings noted.
INGESTION
No specific health warnings noted. No harmful effects expected in amounts likely to be ingested by accident.
SKIN CONTACT
No specific health warnings noted.

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EYE CONTACT:
Spray and vapour in the eyes may cause irritation and smarting.

HEALTH WARNINGS:
No specific health warnings noted.

MEDICAL SYMPTOMS:
No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

MEDICAL CONSIDERATIONS:
Persons with rash are directed to skin expert for examination of allergic eczema.

12 ECOLOGICAL INFORMATION
ECOTOXICITY
Refer to section-2

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION:
Waste is suitable for incineration.

DISPOSAL METHODS:
Dispose of waste and residues in accordance with local authority requirements

14 TRANSPORT INFORMATION

PROPER SHIPPING NAME	CORROSIVE LIQUID, N.O.S.
UN NO. ROAD	1760
ADR CLASS NO.	8
ADR CLASS Class 8: 	Corrosive substances.
ADR PACK GROUP	III
TUNNEL RESTRICTION CODE	(E)
HAZARD No. (ADR)	80
ADR LABEL NO.	8
HAZCHEM CODE	2X
UN NO. SEA	1760
IMDG CLASS	8
IMDG PACK GR.	III
EMS	F-A, S-B
UN NO. AIR	1760
AIR CLASS	8
AIR PACK GR.	III

15 REGULATORY INFORMATION
EU DIRECTIVES:
THYME CT LINALOOL PORTUGAL

STATUTORY INSTRUMENTS:

APPROVED CODE OF PRACTICE:
Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES:
Workplace Exposure Limits EH40.

16 OTHER INFORMATION
ISSUED BY:
Regulatory Manager
REVISION DATE 23/08/2012
REV. NO./REPL. SDS GENERATED 0

RISK PHRASES IN FULL:
R34 Causes burns.
R10 Flammable.
R22 Harmful if swallowed.
R65 Harmful: may cause lung damage if swallowed.
R38 Irritating to skin.
R43 May cause sensitisation by skin contact.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

HAZARD STATEMENTS IN FULL:
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.
H410 Very toxic to aquatic life with long lasting effects.
H400 Very toxic to aquatic life.

DISCLAIMER:
This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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