

This safety data sheet complies with the requirements of: GB/T 16483-2008, GB/T 17519-2013

**Product code** 1304100414  
**Product name** THYME OIL WHITE

**Issue date** 09-Oct-2014

**Revision date** 27-Jul-2016

**Version** 3

## 1. Identification of the Substance/Preparation and of the Company/Undertaking

### Product identifier

**Product name** THYME OIL WHITE

### Other means of identification

**Product code** 1304100414  
**UN/ID no** 2924  
**Synonyms** INC: Thymus vulgaris (Thyme) oil  
**Registration number(s)** CAS: 8007-46-3

### Recommended use of the chemical and restrictions on use

**Recommended Use** Industry Use.  
**Uses advised against** No information available

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Charkit Chemical Company, LLC.  
32 Haviland Street, Unit 1  
Norwalk, CT 06854  
Phone: 203-299-3220 Fax: 203-299-1355

### Emergency telephone number

**Company Phone Number** Use CHEMTREC instead of Emergency Phone Number  
**24 Hour Emergency Phone Number** (800) 424-9300 (US) / +1-703-527-3887 (Int'l)

## 2. Hazards Identification

### Classification

Skin corrosion/irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1B
Aspiration toxicity	Category 1
Flammable liquids	Category 3

### Label Elements

#### EMERGENCY OVERVIEW

#### **Danger**

#### **Hazard statements**

Causes severe skin burns and eye damage  
May cause an allergic skin reaction  
May be fatal if swallowed and enters airways  
Flammable liquid and vapor



**Appearance** Clear

**Physical state** Liquid

**Odor** Characteristic Odor

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Do not eat, drink or smoke when using this product  
 Do not breathe dusts or mists  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Contaminated work clothing must not be allowed out of the workplace  
 Keep away from heat/sparks/open flames/hot surfaces. - 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

**Precautionary Statements - Response**

Immediately call a POISON CENTER or doctor  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Immediately call a POISON CENTER or doctor  
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower  
 Wash contaminated clothing before reuse  
 If skin irritation or rash occurs: Get medical advice/attention  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing  
 Immediately call a POISON CENTER or doctor  
 IF SWALLOWED: Immediately call a POISON CENTER or doctor  
 Do NOT induce vomiting  
 Rinse mouth  
 In case of fire: Use CO2, dry chemical, or foam to extinguish

**Precautionary Statements - Storage**

Store locked up  
 Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

**Other Information**

- May be harmful if swallowed
  - Toxic to aquatic life with long lasting effects
  - Toxic to aquatic life
  - Contains naturally occurring Thymol
- 1.497 % of the mixture consists of ingredient(s) of unknown toxicity

**3. Composition/information on Ingredients**

**Synonyms**

INCI: Thymus vulgaris (Thyme) oil.

**Chemical Family**

Essential oil.

Chemical Name	CAS No	Weight-%
THYME OIL	8007-46-3	100

#### 4. First Aid Measures

##### Description of first aid measures

<b>Eye Contact</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
<b>Skin contact</b>	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Seek immediate medical attention/advice.
<b>Inhalation</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek immediate medical attention/advice.
<b>Ingestion</b>	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Rinse mouth.

##### Most important symptoms and effects, both acute and delayed

**Symptoms** No information available.

##### Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically.

#### 5. Fire-Fighting Measures

##### Suitable Extinguishing Media

Use CO2, dry chemical, or foam.

**Unsuitable extinguishing media** DO NOT USE WATER.

##### Specific hazards arising from the chemical

FLAMMABLE. Risk of ignition. May be ignited by heat, sparks or flames.

**Hazardous combustion products** Irritating or toxic substances may be emitted upon burning, combustion, or decomposition.

##### Explosion data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

##### Special protective actions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### 6. Accidental Release Measures

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

**Personal precautions** Avoid contact with skin, eyes and inhalation of vapors. Ventilate affected area. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

##### Environmental precautions

**Environmental precautions** Do not allow into any sewer, on the ground or into any body of water. Prevent further leakage or spillage if safe to do so.

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

**Methods for Containment** Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth,

diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

**Methods for cleaning up**

Cover liquid spill with sand, earth or other non-combustible absorbent material. Sweep up and shovel into suitable containers for disposal. Prevent product from entering drains.

**7. Handling and Storage**

**Precautions for safe handling**

**Advice on safe handling**

Avoid breathing vapors or mists. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation, especially in confined areas. Do not eat, drink or smoke when using this product. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions**

Keep in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep away from food, drink and animal feeding stuffs.

**Incompatible materials**

Acids. Bases. Oxidizing agents.

**8. Exposure Controls/Personal Protection**

**Control parameters**

**Exposure guidelines**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
PINENE, ALPHA-80-56-8	TWA: 20 ppm	-	-
BETA-PINENE 127-91-3	TWA: 20 ppm	-	-

**Appropriate engineering controls**

**Engineering controls**

Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection**

Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

**Skin and Body Protection**

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

**Respiratory protection**

Ensure adequate ventilation, especially in confined areas. Do not breathe gas/fumes/vapor/spray.

**General hygiene considerations**

Handle in accordance with good industrial hygiene and safety practice.

**9. Physical and Chemical Properties**

**Information on basic physical and chemical properties**

**Physical state**  
**Appearance**  
**Color**

Liquid  
Clear  
Yellow to Amber-reddish

**Odor**  
**Odor threshold**

Characteristic Odor  
Not applicable

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not applicable	
Melting point / freezing point	Not applicable	
Boiling point / boiling range	No data available	
Flash Point	55 °C / 131 °F	
Evaporation Rate	Not applicable	
Flammability (solid, gas)	Not applicable	
Flammability Limit in Air		
Upper flammability limit:	Not applicable	
Lower flammability limit:	Not applicable	
Vapor pressure	Not applicable	
Vapor Density	Not applicable	
Specific gravity	0.925	
Water solubility	insoluble	
Solubility in other solvents	Not applicable	
Partition coefficient	Not applicable	
Autoignition Temperature	Not applicable	
Decomposition temperature	Not applicable	
Kinematic viscosity	No data available	
Dynamic viscosity	Not applicable	
Explosive properties	Not applicable	
Oxidizing properties	Not applicable	

**Other Information**

Softening point	not applicable
Molecular weight	Not applicable
VOC content (%)	Not applicable
Density	Not applicable
Bulk Density	Not applicable

**10. Stability and Reactivity**

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

RISK OF EXPLOSION IF HEATED UNDER CONFINEMENT.

**Conditions to avoid**

Extremes of temperature and direct sunlight. Heat, flames and sparks. Take precautionary measures against static discharges.

**Incompatible materials**

Acids. Bases. Oxidizing agents.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. Toxicological Information**

**Information on likely routes of exposure**

**Product Information**

<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Eye Contact</b>	Avoid contact with eyes. Risk of serious damage to eyes. Corrosive to the eyes and may cause severe damage including blindness.
<b>Skin contact</b>	Avoid contact with skin. Causes burns. May cause sensitization by skin contact.
<b>Ingestion</b>	May be fatal if swallowed and enters airways.

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** Causes severe burns.  
**Serious eye damage/eye irritation** Risk of serious damage to eyes.  
**Corrosivity** Risk of serious damage to eyes. Causes severe burns.  
**Sensitization** May cause sensitization by skin contact.  
**Germ cell mutagenicity** None known.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
CARVACROL 499-75-2		Group 2A		X

*IARC (International Agency for Research on Cancer)  
 Group 2A - Probably Carcinogenic to Humans  
 OSHA (Occupational Safety and Health Administration of the US Department of Labor)  
 X - Present*

**Reproductive toxicity** This product does not contain any known or suspected reproductive hazards.  
**STOT - single exposure** Not classified.  
**STOT - repeated exposure** Not classified.  
**Aspiration hazard** May be fatal if swallowed and enters airways.

**Numerical measures of toxicity - Product Information**

**Unknown acute toxicity** 1.497 % of the mixture consists of ingredient(s) of unknown toxicity  
**The following values are calculated based on chapter 3.1 of the GHS document .**

**12. Ecological Information**

**Ecotoxicity**

Toxic to aquatic life with long lasting effects

12.019 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Thymol 89-83-8		3.2: 96 h Pimephales promelas mg/L LC50 static 5: 96 h Brachydanio rerio mg/L LC50 static		
LINALOOL 78-70-6	88.3: 96 h Desmodemus subspicatus mg/L EC50	22 - 46: 96 h Leuciscus idus mg/L LC50 static		20: 48 h Daphnia magna mg/L EC50
PINENE, ALPHA- 80-56-8		0.28: 96 h Pimephales promelas mg/L LC50 static		41: 48 h Daphnia magna mg/L LC50
CAMPHENE FCC 79-92-5	1000: 72 h Desmodemus subspicatus mg/L EC50	0.72: 96 h Brachydanio rerio mg/L LC50 flow-through 150: 96 h Brachydanio rerio mg/L LC50 static		22: 48 h Daphnia magna mg/L EC50

**Persistence and degradability**  
 No information available.

**Bioaccumulation**  
 There is no data for this product.

**Other adverse effects** No information available

**13. Disposal Considerations**

**Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

**14. Transport Information**

**DOT**

**UN/ID no** 2924  
**Proper Shipping Name** Flammable Liquid, Corrosive, N.O.S.  
**Hazard Class** 3+8  
**Packing group** II

**IATA**

**UN/ID no** 2924  
**Proper Shipping Name** Flammable Liquid, Corrosive, N.O.S.  
**Hazard Class** 3+8  
**Packing group** II

**IMDG**

**UN/ID no** 2924  
**Proper Shipping Name** Flammable Liquid, Corrosive, N.O.S.  
**Hazard Class** 3+8  
**Packing group** II  
**EmS-No** F-E, S-C

**RID**

**UN/ID no** 2924  
**Proper Shipping Name** Flammable Liquid, Corrosive, N.O.S.  
**Hazard Class** 3+8  
**Packing group** II

**ADR**

**UN/ID no** 2924  
**Proper Shipping Name** Flammable Liquid, Corrosive, N.O.S.  
**Hazard Class** 3+8  
**Packing group** II  
**Tunnel restriction code** B1, IB3, T7, TP1, TP28

**15. Regulatory Information**

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	Yes
<b>Fire Hazard</b>	Yes

**Sudden release of pressure hazard** No  
**Reactive Hazard** No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**U.S. State Right-to-Know Regulations**

This product may contain substances regulated by state right-to-know regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island
CYMENE, PARA-99-87-6		X	X	
PINENE, ALPHA-80-56-8	X	X	X	
BORNEOL 507-70-0	X	X	X	

**U.S. EPA Label information**

**EPA Pesticide registration number** Not applicable

**16. Other Information**

**Issue date** 09-Oct-2014  
**Revision date** 27-Jul-2016  
**Revision note**  
 No information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text. Classification and labelling according to the IFRA/IOFI Labelling Manual 2015.

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