



Safety Data Sheet

Section 1: Identification

Product Name: Thyme Essential Oil (White)
Botanical Name: Thymus zygis
Synonyms: Thymus tenuifolius, Serpyllum zygis
INCI Name: Thymus zygis (thyme) oil
CAS #: 8007-46-3
County of Origin: Spain
Company: Soapgoods Inc
Address: 1824 Willow Trail Pkwy, Ste 200. Norcross. GA 30093
Phone: (404) 924-9080
E-Mail: wecare@soapgoods.com
Emergency Phone: Chemtrec: 1-800-424-9300
Recommended Use: Personal Care

Section 2: Composition/Information on Ingredients

Contents: Carvacrol, thymol, b-caryophyllene, borneol, linalool, a-terpinene, p-cymene, b-pinene, camphene, a-pinene, 1 Methyl-4-isopropylbenze, gamma terpinene

Section 3: Hazard(s) Identification

Thymol and carvacrol Risk Phase R38, R65
Security Phase: S62
Medical Information: N/A

Section 4: First-Aid Measures

Eye Contact: Flush with water for at least 15 minutes. Call physician if irritation occurs.
Inhalation: Remove to fresh air. Give oxygen if breathing is labored and seek medical advice.
Ingestion: Rinse mouth; dilute with water and consult a physician immediately. Never-give anything by mouth if victim is unconscious, is rapidly-losing or is Convulsing.
Skin Contact: Remove contaminated clothing, wash skin with soap and plenty of water. Seek medical attention if irritation persists.

Section 5: Fire-Fighting Measures

Flammable Limits:
Flash Point: 65 °C (closed cup) Combustible liquid. Will ignite if moderately heated.

Extinguishing media: Carbon Dioxide, dry chemical or foam. Closed containers may build up pressure at elevated temperature. DO NOT use direct water jet on burning material.

Special Procedures: Determine the need to evacuate or isolate the area according to your local emergency plan.

Unusual Firefighting Hazards: Do not breathe gas / fumes / vapour, may produce toxic fumes of carbon monoxide if burning.

Protective Equipment: Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving essential oils or chemicals.

Combustion Product: Carbon Monoxide, Carbon Dioxide

Section 6: Accidental Release Measures

Personal Precautions: Use of self-contained breathing apparatus is recommended for any major chemical spill. Refer also to section 8.

Safety Precautions: Eliminate all ignition sources. Ventilate area. Determine the need to Evacuate or isolate the area according to your local emergency plan.

Environmental Precautions: Keep away from drains, surface and ground water. Report spills to appropriate Authorities if required.

Methods For Cleaning Up: Contain and collect with inert absorbent material and place in suitable container for disposal. Comply with all federal, state, and local regulation. Wipe small spills with cloth. Clean with hot water and detergent.

Section 7: Handling and Storage

Handling: Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before re-use. Keep fire extinguisher accessible.

Storage: Containers should be kept closed in order to minimize contamination. Store in a cool, dry, well ventilated place protected from light. Keep away from extreme heat and away from all sources of ignition

Make sure the material does not come into contact with substances listed as: "Materials to Avoid". Product may freeze partially below 20°C. To thaw store at a temperature between 60°C and 80°C until liquid. Shake until thoroughly mixed before using.

Section 8: Exposure Controls/Personal Protection

Eyes Protection: The use of safety glasses is recommended. If a material is to be handled in a manner where splashing may occur, the use of splash goggles or face shield is recommended

Respiratory Protection: In well- ventilated areas, respiratory protection is not normally required. In confined, poorly ventilated areas the use of "NIOSH" approved respiratory protection normally required (use only if trained in proper use and with acceptable oxygen level).

Protective Gloves: Using chemical resistant gloves is recommended.

Protective Clothing: Using chemical resistant clothing is recommended.

Protective Equipment: An eyewash fountain and / or safety shower should be available in the work area. Acceptable industrial hygiene practices should be maintained.

Note: These Precautions are for room temperature handling. Use at elevated temperature or aerosol / spray applications may require additional Precautions

Section 9: Physical and Chemical Properties

Appearance: Slightly yellow mobile liquid.

Odor: Characteristic odor.

Solubility in water: Insoluble

Flash Point: 65 °C

Specific Gravity @ 20°C: 0.915 - 0.935

Refractive Index @ 20°C: 1.495 - 1.505

Optical Rotation@ 20°C :- 3 - -0.1

Gamma terpinene: 10 - 20 %

1 Methyl-4-isopropylbenze: 10 - 20 %

Flammability: Not applicable

Extraction Method: Steam distillation of the leaves followed by rectification to increase thymol content to standardization

Section 11: Toxicological Information

Inhalation: Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

Skin Contact: Repeated or prolonged contact can cause redness, irritation and scaling of skin (Dermatitis). Adverse skin effects should be prevented by normal care and personal hygiene

Eye Contact: May irritate eyes.

Ingestion: Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting.

Corrosively: Based on the ingredients and their concentration, this product is in conformance with Directive 199/45/EC classified as:
C - Corrosive

Section 12: Ecological Information

Based on the ingredients and their concentration, this product is in conformance with

Directive 199/45/EC classified as:

N - Dangerous for the environment.

Very toxic to aquatic organism, may cause long-term adverse effects in the aquatic environment.

Avoid any pollution of ground, surface or underground water.

Section 13: Disposal Considerations

Dispose of in accordance with local, provincial and federal regulations. Check with disposal expert to ensure compliance

Section 14: Transport Information

Chemical Identification: Oil, thyme

UN No. 1760: Liquid Aromatic Extracts

Packaging Group III Class: 3

US DOT Shipping Description: Check appropriate authority

IATA Shipping (Air): Check appropriate authority

IMDG Shipping Description: Check appropriate authority

Environmental Hazard: Marine pollutant - Yes

Section 15: Regulatory Information

WHMIS (Canada): Not available.

HMIS (USA): Health Hazard - Fire Hazard - Reactivity -

EU Labeling: R10 Flammable.

Xn R22 Harmful if swallowed.

R34 Causes burns.

Xi R38 Irritating to skin

R43 May cause sensitization by skin contact

R50/53 Very toxic to aquatic organism, may cause long-term adverse effects in the aquatic environment.

R51/53 Toxic to aquatic organism, may cause long-term adverse effects in the aquatic environment.

R65 Harmful may cause lung damage if swallowed.

S36/37/38 Wear suitable protective clothing, gloves and eye/face protection.

Section 16: Other Information

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Review Date: December 2015