SAFETY DATA SHEET (SDS)

Revised Date: October 29, 2026

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Thyme Essential Oil (White)
Botanical Name	Thymus zygis
INCI Name	Thymus Zygis Oil
CAS #	85085-75-2
Country of Origin	Spain
EINECS #	285-397-0
Product Use	Domestic and Industrial
Supplier / Distributor	Cosmetic Labs Canada
Address	298 Wellington St W, Sault Ste. Marie, Ontario P6A 1H7
Website	www.cosmeticlabscanada.com
Emergency	CANUTEC (613) 996-6666 (24 hours)
After-hours support	705-910-6300

2. HAZARDS IDENTIFICATION

GHS Classification

Flammable Liquid - Category 3
Acute toxicity, oral - Category 4
Aspiration Toxicity - Category 1
Skin corrosion/irritation - Category 1C
Skin Sensitization - Category 1
Hazardous to aquatic environment, Chronic - Category 2

GHS Label Elements



Signal Word	Danger
Hazard Statements	
H226	Flammable liquid and vapor.
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H411	Toxic to aquatic life with long-lasting effects
Precautionary Statements	
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe dust/fumes/gas/mist/vapours/spray.

P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P264	Wash skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor/if you feel unwell.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor/if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of water.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	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/doctor.
P321	Specific treatment (see section 4 on this label).
P330	Rinse mouth.
P331	Do NOT induce vomiting.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use appropriate fire extinguisher to extinguish.
P391	Collect spillage.
P403+P235	Store in a well ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container according to local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Thymus Zygis Oil	CAS: 85085-75-2 | EC No: 285-397-0 | Concentration: 100%

4. FIRST AID MEASURES

Eye contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

Inhalation

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

Ingestion

If swallowed, rinse mouth with water. Seek medical advice immediately and show this container or label. Do NOT induce vomiting.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Foam. Dry Powder. Carbon dioxide.

Unsuitable extinguishing media

Water spray, water jet.

Special protective equipment and precautions for fire-fighters

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or its combustible products

Hazardous decomposition products may be formed at extreme heat or if burned.

Resulting gases

Carbon monoxide, Carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures. Do NOT smoke and do NOT expose the product to a live flame or to any other potential source of ignition. Handle the product using protective gloves resistant to the the chemicals exposed. Avoid contact with skin

and inhalation of its vapours or smoke. Maintain adequate

ventilation in the working area after spilling.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and materials for containment and cleaning up

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

7. HANDLING AND STORAGE

Precautions for safe handling

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for safe storage, including any incompatibilities

Store the containers between 5°C and 35°C, in a dry and well ventilated place, far from sources of heat and direct solar light. Keep away from oxidizing agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorized persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure controls

Use personal protection equipment according to Directive 89/686/EEC. Chemical safety goggles are

recommended. Wash contaminated

goggles before reuse. Use personal breathing apparatus whenever deemed necessary. Avoid contact with skin. Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse. Engineering Controls-Ventilation: The areas where the product is handled and stored should be adequately ventilated.

Ingestion

Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Pale yellow to mobile liquid. Odor : Characteristic odor.

Initial b.p and boiling range : 190 °C

Flash point : 38°C

Relative density : 0.910 to 0.937 @20 °C
Solubility (ies) : Soluble in alcohol and oils. Insoluble in water.
Refractive index : 1.494 to 1.504 @ 20 °C
Optical rotation : -37 to -55° @ 20°C

10. STABILITY AND REACTIVITY

Reactivity
This material presents no significant reactivity hazard.
Chemical stability
Chemically stable.
Possibility of hazardous reactions
Hazardous polymerization will not occur.
Conditions to avoid
Avoid sparks, flame and other heat sources.
Incompatible materials
Strong oxidizing agents.
Hazardous decomposition products
Carbon Oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity
LD50 Oral - Rat - 2,840 mg/kg
LD50 Dermal - Rabbit - > 5,000 mg/kg
Chronic toxicity
May cause allergic reactions on skin.
Inhalation
May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.
Skin contact
May be harmful if absorbed through skin. Causes skin burns.
Eye contact
Possible irritation should be prevented by wearing safety glasses.
Ingestion
May be harmful if swallowed. Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting

12. ECOLOGICAL INFORMATION

Ecotoxicity
Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water.
Persistence and degradability
Not available.
Bio - accumulative potential
Not available.
Mobility in soil
Not available.
Other adverse effects
Not available.

13. DISPOSAL CONSIDERATION

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

14. TRANSPORT INFORMATION

UN Number
2924
UN proper shipping name
Flammable liquid, corrosive, n.o.s. (Thyme oil)
Transport hazard class
3 (8)
Packing group
III
US DOT Shipping Description (Land)
2924
Proper shipping name
Flammable liquid, corrosive, n.o.s. (Thyme oil)
Class
3 (8)
Packaging group
III
IMO-IMDG Shipping Description (Sea)
2924
Proper shipping name
Flammable liquid, corrosive, n.o.s. (Thyme oil)
Class
3 (8)
Packaging group
III
IMDG-Marine pollution
Yes.
IATA Shipping Description (Air)
2924
Proper shipping name
Flammable liquid, corrosive, n.o.s. (Thyme oil)
Class
3 (8)
Packaging group
III

15. REGULATORY INFORMATION

California Proposition 65
• 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.
GHS Hazard Statements
Please refer to section 2.

GHS Precautionary Statements
Please refer to section 2.

16. OTHER INFORMATION

Revised Date October 29, 2026

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