

Product Na	me	Thyme	Red Ess	sential	Oil			
Biological Definition dried flowering top			wering tops and Carvac	e Red Essential Oil, obtained by steam distillation of the fresh or partially os of Thymus vulgaris L. The oil is rich in phenolic compounds, primarily acrol, contributing to its characteristic intense herbal, spicy aroma and				
INCI Name Thymus Vulgaris O			Dil					
Botanical name Thymus vulgaris								
Country of Origin Spain								
Product use Domestic and Indu		strial						
Synonyms 8	& Trade Names	Thyme F	Red Oil, Re	ed Thyr	ne Essential O	il, Thymus v	ulgaris Oil, Oil o	f Thyme (Red Type)
				01 Conestoga	Dr Unit# 106	Carson City N	V 89706 Nevada, USA	
Emergency	phone number	(613)-9	96-6666	CANU	TEC 24 HOUI	R EMERGEN	NCY	
	stration Number	N/A						
(According to EU Re	N/A	FD	A No.		N/A	CF	R No.	N/A
CAS No	84929-51-1	EC	. No.		284-535-7	FI	NECS No.	284-535-7
02. HAZ	ZARDS IDENTIFICA	TION						
Classificatio	on (1999/45)			Xi: Iri	ritant R36/38			
GHS: Classification (EC 1272/2008)								
GHS: Classi	fication (EC 1272/:	2008)		Corro		Eye Damage	Toxicity Cat. 4; e Cat. 1; Aspirat Cat. 2	
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Labe in acco No1272/20 Labe in acco Labe in acco	ordance with (EC) 08 ordance with (US) ordance with (CA)	2008)		Corro	osion Cat. 1C; ard Cat. 1; Aqu	Eye Damage	e Cat. 1; Aspirat Cat. 2	ion
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Component CAS No. GHS Classification Season Skin Corr. 1C; Eye Dam. 1; Acute Tox Oral 4; Aquatic Chronic 2 -45% Carvacrol 499-75-2 Skin Corr. 1C; Eye Dam. 1; Acute Tox Oral 4; Aquatic Chronic 2 -12% p-Cymene 99-87-6 Skin Irrit. 2; Eye Irrit. 2; Aquatic Chronic 2 -15% Cammarterpinene 99-88-4 Skin Irrit. 2; Eye Irrit. 2; Aquatic Chronic 2 -10% Linalool 78-70-6 Skin Irrit. 2; Eye Irrit. 2; Aquatic Chronic 2 -10% Outside the second of the second o	Hygiene Measures			Wash hands with soap & water after handling			
Component CAS No. CHS Classification Special Fine Fighting Procedures Special Fire Fighting Procedures Specia							
Thymol 89-83-8 Skin Corr. 1C; Eye Dam. 1; Acute Tox Oral 4; Aquatic Chronic 2	03. COMPOSITION/INFORMATION ON INGREDIENTS						
Carvacrol 499-75-2 Skin Corr. 1C; Eye Dam. 1; Acute Tox Oral 4; Aquatic Chronic 2 ~12%	Component	CAS No.	GHS C	lassification	Approx. Content		
p-Cymene 99-87-6 Skin Irrit. 2; Eye Irrit. 2; Aquatic Chronic 2	Thymol	89-83-8	Skin Co	orr. 1C; Eye Dam. 1; Acute Tox Oral 4; Aquatic Chronic 2	~45%		
Gamma- Terpinene 99-85-4 Skin Irrit. 2; Eye Irrit. 2; Aquatic Chronic 2 ~10% Linalool 78-70-6 Skin Irrit. 2; Eye Irrit. 2A; Skin Sens. 1; Aquatic Acute 3 ~3% O4. FIRST AID MEASURES General Information Remove from exposure area to fresh air. Contact a doctor if necessary. Ingestion Wash mouth out with water and obtain medical advice immediately. Skin Contact Remove contaminated dolbing, Wash thoroughly with soap and water. Seek medical advice if riritation persists or there is any sign of tissue damage. Eye Contact Flush with plenty of water and seek medical advice if necessary. O5. FIRE-FIGHTING MEASURES Extinguishing Media Use CO ₂ , Dry Powder or Foam type extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material. Special Fire Fighting Procedures Wear protective clothing. Avoid inhalation of vapors. None Closed containers may build up pressure when exposed to heat and should be cooled with water spray O6. ACCIDENTAL RELEASE MEASURES Personal Precautions Do not discharge directly into drains or soil. Keep away from surface and ground water Soak up spillage with sand or other inert material. Transfer-soaked material to suitable waste container and dispose according to prevailing regulations. O7. HANDLING AND STORAGE Usage Precautions Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or snoke whilst handling. Store in tighty closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum. O8. EXPOSURE CONTROLS/PERSONAL PROTECTION Apply good manufacturing practice & industrial hygiene, and do not eat, drink or snoke whilst handling. Store in tighty closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum. O8. EXPOSURE CONTROLS/PERSONAL PROTECTION Apply good manufacturing product vap	Carvacrol	499-75-2	Skin Co	orr. 1C; Eye Dam. 1; Acute Tox Oral 4; Aquatic Chronic 2	~12%		
Terpinene 99-85-4 Skin Irrit. 2; Eye Irrit. 2; Aquatic Chronic 2 -10%	p-Cymene	99-87-6 Skin Irrit.		it. 2; Eye Irrit. 2; Aquatic Chronic 2	~15%		
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Remove from exposure area to fresh air. Contact a doctor if necessary.	Linalool	78-70-6	Skin Irr	it. 2; Eye Irrit. 2A; Skin Sens. 1; Aquatic Acute 3	~3%		
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Engineering Measures Ensure good ventilation of working area. Respiratory Equipment As required. Avoid breathing product vapor.	Protective Equipment			Goggles Gloves			
Respiratory Equipment As required. Avoid breathing product vapor.	Engineering Measures						
J control of the cont				Avoid all skin contact. Use chemically resistant gloves if required.			



	Revision Date: Jan 06, 2025
Eye Protection	Use safety glasses.
Other Protection	As required
Adverse effects on human health	May cause irritation to skin and eyes. May cause allergic reactions in sensitive individuals.
09. PHYSICAL AND CHEMICAL PRO	PERTIES
Appearance	Pale yellow to reddish yellow liquid
Color	Yellow to reddish
Odor	Characteristic thymol aroma
Specific Gravity	0.900 - 0.950 @ 20°C
Flash Point (°C)	38°C
Refractive Index	1.490 - 1.505 @ 20°C
Melting Point (°C)	Not available
Boiling Point (°C)	Not available
Vapor Pressure	Not available
Solubility in Water@20°C	Insoluble
Optical Rotation	-5.0° to +5.0° @ 20°C
Auto ignition temperature (°C)	Not available
10. STABILITY AND REACTIVITY	
Reactivity	No data available
Stability	Stable under normal conditions
Conditions to Avoid	Avoid heat, sparks, flames.
Material to Avoid	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon oxides may form upon combustion.
11. TOXOLOGICAL INFORMATION	
Acute Toxicity	No data available.
Skin corrosion / irritation	May cause skin irritation or burns.
Serious eye damage / irritation	Causes serious eye irritation.
Respiratory or skin sensitization	May cause skin sensitization.
Germ Cell Mutagenicity	No data available for Thyme Red Essential Oil as a whole. Individual components like Thymol and Carvacrol have not shown mutagenic effects in standard tests (Ames test, etc.). Current evidence suggests **not classified as mutagenic**.
Carcinogenicity	Not classified as carcinogenic by IARC, NTP, OSHA, or the EU. Thymol and Carvacrol, The main components are **not listed as carcinogens**
Reproductive toxicity	No data available.
STOT single exposure	No data available.
STOT repeated exposure	No data available.
Aspiration hazard	May be fatal if swallowed and enters airways.
Photo toxicity	No data available.
Other Information	This information is provided for safety purposes only and does not constitute a specification.



	Revision Date: Jan 06, 2025		
12. ECOLOGICAL INFORMA	TION		
Ecotoxicity	Toxic to aquatic life with long-lasting effects.		
Mobility	Not determined.		
Persistence & Biodegradability	Not readily biodegradable.		
Bioaccumulation Potential	Not expected to bioaccumulate significantly.		
PBT Assessment Results	Not classified as PBT or vPvB.		
Precautions	Prevent entry into soil, waterways, and drains.		
13. DISPOSAL CONSIDERAT	TIONS		
Disposal Methods	Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company.		
14. TRANSPORT INFORMAT	ION		
Warning Icon	Flame Corrosion		
Proper Shipping Name	Flammable Liquid, Corrosive, n.o.s. (Thyme Oil)		
UN No. Road	2924		
ADR Class	3 (Flammable) + 8 (Corrosive)		
Hazard No (ADR)	38		
Hazchem Code	3WE		
UN No. SEA	2924		
IMDG Class	3 (Flammable) + 8 (Corrosive)		
IMDG Pack Gr.			
EMS	F-E, S-C		
UN No. AIR	2924		
Air Class	3 (Flammable) + 8 (Corrosive))		
Air Pack Gr.			
15. REGULATORY INFORMA			
EU Directives	Complies with EC No 1272/2008 (CLP), REACH Regulation (EC) No 1907/2006, and related EU directives.		
US Federal Regulations	TSCA Listed.		
California Proposition 65	Contains beta-Myrcene, listed as carcinogen.		
CANADA Regulations	WHMIS Compliant		
	Complies with EU Regulation No 1907/2006 (REACH).		
Statutory Instruments			
Approved Code of Practice	Not applicable.		



Revision Date: Jan 06, 2025

	itevision bute. Juli 66, 2625
Guidance Notes	Refer to guidelines for the transport of hazardous materials.
Revision Date	Jan 06, 2025
Rev No/Repl, SDS Generated	Rev 14 – Replaces previous SDS.
Risk Phrases in Full	R10: Flammable
	R22: Harmful if swallowed
	R34: Causes burns
	R36/38: Irritating to eyes and skin
	R43: May cause sensitization by skin contact
	R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the
	aquatic environment
	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
Hazard Statements in Full	H317: May cause an allergic skin reaction H411: Toxic to aquatic life with long-lasting effects
	11411. Toxic to aquatic life with long-lasting effects
Other Information	This SDS is for safety guidance only and does not represent a product
	specification. For professional use only.
	Not classified as Dangerous Goods when shipped in limited quantities (per ADR,
Other Classification	IMDG, IATA small package exemptions).
	Not listed as a carcinogen by IARC, NTP, or OSHA.
	This material contains naturally occurring allergens (e.g., Linalool, Limonene,
	Geraniol) that may trigger reactions in sensitive individuals.

Disclaimer & Caution

The information contained in this Safety Data Sheet is based on current knowledge and believed to be accurate and reliable. However, West Coast Aromatics makes no warranties, express or implied, regarding the completeness or accuracy of the information provided. It is the responsibility of the user to determine the suitability of this material for their specific application and to comply with all applicable laws and regulations, including intellectual property rights.

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In the event of any dispute, the parties agree that jurisdiction shall reside exclusively in the state of Nevada, USA.