

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Oregano Oil, Turkey

Version: 2

1. IDENTIFICATION

Product Identifier

Product identifier: Oregano Oil, Turkey; CAS: 84012-24-8

Other identifiers: Oregano Oil, Turkey OriVul3 Origanum vulgare

Recommended use of the chemical and restrictions on use

Product uses: Essential Oil

Supplier Details

Company name: Artisan Aromatics

Company address: 1708 Lena Street, #103
Santa Fe, NM 87505

Contact: Stephanie Ariel

E-Mail address: hello@artisanaromatics.com

Company phone: 505 231-9439

Emergency telephone number

Emergency phone: ChemTel: 1-800-255-3924 (Domestic)

2. HAZARD IDENTIFICATION

Classification

This product is classified under 29CFR 1910.1200(d) as follows:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Class and category of danger: Flammable Liquid, Hazard Category 3
Flammable Liquid, Hazard Category 4

Acute Toxicity - Oral Category 4

Acute Toxicity - Dermal Category 3

Skin Corrosion / Irritation Category 2

Eye Damage / Irritation Category 1

Eye Damage / Irritation Category 2A

Sensitization - Skin Category 1

Aspiration Hazard Category 1

Signal word: Danger

Hazard statements: Flammable liquid and vapour.
Combustible liquid.
Harmful if swallowed.
May be fatal if swallowed and enters airways.
Toxic in contact with skin.
Causes skin irritation.

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May cause an allergic skin reaction.

Causes serious eye damage.

Causes serious eye irritation.

M factor: None

Pictograms:



Precautionary statements:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

Keep container tightly closed.

Ground/bond container and receiving equipment.

Use explosion-proof electrical, ventilating and lighting equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Avoid breathing vapour or dust.

Wash hands and other contacted skin thoroughly after handling.

Do not eat, drink or smoke when using this product.

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves/eye protection/face protection.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

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.

Rinse mouth.

Do not induce vomiting.

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

In case of fire: Use carbon dioxide, dry chemical, foam for extinction.

Store in a well-ventilated place. Keep cool.

Store locked up.

Dispose of contents/container to approved disposal site, in accordance with local regulations.

Hazards not otherwise classified (HNOC) None

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Product identifier: Oregano Oil, Turkey; CAS: 84012-24-8

Contains:

Name	CAS	%	GHS Classification
Carvacrol	499-75-2	50-100%	Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B;H302-H315-H317-H319
p-Cymene	99-87-6	5-<10%	Flam. Liq. 3-Asp. Tox 1;H226-H304
p-Mentha-1,4-diene	99-85-4	5-<10%	Flam. Liq. 3-Asp. Tox 1;H226-H304
Thymol	89-83-8	1-<5%	Acute Tox. 4-Skin Corr. 1B-Eye Dam. 1;H302-H314
beta-Caryophyllene	87-44-5	1-<5%	Skin Sens. 1B-Asp. Tox 1;H304-H317
p-Mentha-1,3-diene	99-86-5	1-<5%	Flam. Liq. 3-Acute Tox. 4-Asp. Tox 1;H226-H302-H304
alpha-Pinene	80-56-8	1-<5%	Flam. Liq. 3-Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H302-H304-H315-H317
4-Carvomenthenol	562-74-3	1-<5%	Flam. Liq. 4-Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2A;H227-H302-H315-H319
Linalool	78-70-6	1-<5%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B;H227-H315-H317-H319
Eucalyptol	470-82-6	0.1-<1%	Flam. Liq. 3-Skin Sens. 1B;H226-H317
d-Limonene	5989-27-5	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H304-H315-H317
delta-3-Carene	13466-78-9	<0.1%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1-Asp. Tox 1;H226-H304-H315-H317

The exact percentage concentrations of components are being withheld as a trade secret.

4. FIRST-AID MEASURES

Description of first aid measures

Inhalation: Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

Eye exposure: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin exposure: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

Ingestion: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Most important symptoms and effects, both acute and delayed

Harmful if swallowed.

May be fatal if swallowed and enters airways.

Toxic in contact with skin.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye damage.

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Causes serious eye irritation.

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

Specific hazards arising from the chemical

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

Protective Equipment and Precautions for Firefighters

In case of insufficient ventilation, wear suitable respiratory equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities:

Ground/bond container and receiving equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure guidelines

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

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Other exposure guidelines

No information available

Exposure controls

Engineering measures

Showers, eyewash stations, ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face and Skin Protection

Wear protective gloves/eye protection/face protection, and suitable protective clothing

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

Appearance:	Not determined
Odor:	Not determined
Odor threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	140 °F / 60 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapor pressure:	Not determined
Vapor density:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined

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Decomposition temperature: Not determined

Viscosity: Not determined

Other information: None available

10. STABILITY AND REACTIVITY

Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

Chemical stability:

Good stability under normal storage conditions.

Possibility of hazardous reactions:

Not expected under normal conditions of use.

Conditions to avoid:

Avoid extreme heat.

Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

Hazardous decomposition products:

Not expected.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute Toxicity:

Acute Toxicity - Oral Category 4

Acute Toxicity - Dermal Category 3

Acute Toxicity Oral 1850 mg/kg

Acute Toxicity Dermal 400 mg/kg

Acute Toxicity Inhalation Not Available

Skin corrosion/irritation: Skin Corrosion / Irritation Category 2

Serious eye damage/irritation: Eye Damage / Irritation Category 1

Eye Damage / Irritation Category 2A

Respiratory or skin sensitisation: Sensitization - Skin Category 1

Germ cell mutagenicity: Based on available data the classification criteria are not met.

Carcinogenicity: Based on available data the classification criteria are not met.

Reproductive toxicity: Based on available data the classification criteria are not met.

STOT-single exposure: Based on available data the classification criteria are not met.

STOT-repeated exposure: Based on available data the classification criteria are not met.

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Aspiration hazard:

Additional Information

None available

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Toxic to aquatic life with long lasting effects.

Persistence and degradability: Not available

Bioaccumulative potential: Not available

Mobility in soil: Not available

Other adverse effects: Not available

13. DISPOSAL CONSIDERATIONS

Waste treatment

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class(es):	Sub Risk:	14.4. Packing Group:
UN Model Regulations	UN2810	TOXIC LIQUID, ORGANIC, N.O.S. (Carvacrol)	6.1	-	III
US DOT	UN2810	TOXIC LIQUID, ORGANIC, N.O.S. (Carvacrol)	6.1	-	III
US DOT (Bulk)	UN2810	TOXIC LIQUID, ORGANIC, N.O.S. (Carvacrol)	6.1	-	III
IMDG	UN2810	TOXIC LIQUID, ORGANIC, N.O.S. (Carvacrol, alpha-Pinene) MARINE POLLUTANT	6.1	-	III
ADR,RID,ADN	UN2810	TOXIC LIQUID, ORGANIC, N.O.S. (Carvacrol)	6.1	-	III
ICAO TI	UN2810	TOXIC LIQUID, ORGANIC, N.O.S. (Carvacrol)	6.1	-	III

US DOT refers to domestic transport by road/rail within the 48 ground states

US DOT (Bulk) refers to domestic bulk transport by road/rail within the 48 ground states.

Environmental hazards: This is an environmentally hazardous substance.

Special precautions for user: None additional

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Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

RIFM ID Number: 6964-E2.12

LM Unique Identifier: LM1415

Additional information

None additional

16. OTHER INFORMATION

Key to revisions:

14 UN proper shipping name

2 Classification

US Department Of Transport Bulk Proper Shipping Name

US Department Of Transport Proper Shipping Name

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

Sample Information

Analyzed by : A. Mattingly
 Analyzed : 10/30/2021 1:14:41 AM
 Sample Type : Essential Oil
 Sample Name : OriVul3
 Injection Volume : 0.10 µL
 Lot Number : H0E1028D
 Instrument : GC-2

Peak Report TIC

R.Time	Name	Area%
5.065	3-Methylbutanal	0.01
5.194	2-Methylbutanal	0.01
14.050	alpha-Thujene	0.37
14.505	alpha-Pinene	1.19
15.487	Camphene	0.05
17.154	beta-Pinene	0.05
17.752	Myrcene	0.75
18.754	Pseudolimonene	0.02
18.903	alpha-Phellandrene	0.05
19.054	delta-3-Carene	0.02
19.435	1,4-Cineole	0.01
19.581	alpha-Terpinene	1.37
19.743	meta-Cymene	0.02
20.091	para-Cymene	6.50
20.393	Limonene	0.08
20.514	beta-Phellandrene	0.04
20.592	1,8-Cineole	0.26
20.752	ortho-Cymene	0.02
21.473	(E)-beta-Ocimenme	0.02
22.314	gamma-Terpinene	5.50
23.117	trans-Sabinene hydrate	0.04
24.148	Terpinolene	0.06
24.495	para-Cymenene	0.02
25.062	Linalool	1.35
25.220	Unidentified	0.04
25.315	Unidentified	0.02
28.454	Camphor	0.01
30.144	Borneol	0.25
30.733	Terpinen-4-ol	1.25
31.758	alpha-Terpineol	0.09
34.004	Methyl thymol ether	0.06
34.639	Carvacryl methyl ether	0.03
35.188	Carvone	0.03
37.507	Unidentified	0.01
37.941	(E)-Anethole	0.01
38.104	Thymol	3.97
38.875	Carvacrol	72.24
39.730	Unidentified	0.05
41.730	Thymol acetate	0.01
42.983	Carvacryl acetate	0.05
43.822	Copaene	0.02
44.338	Unidentified	0.01
46.631	trans-beta-Caryophyllene	2.75
47.396	trans-alpha-Bergamotene	0.02
47.798	beta-Copaene	0.07
48.857	alpha-Humulene	0.18
51.028	Viridiflorene	0.05
51.984	beta-Bisabolene	0.63
52.346	gamma-Cadinene	0.04
52.629	delta-Cadinene	0.03
56.110	Spathulenol	0.04
56.444	Caryophyllene oxide	0.10
59.819	tau-Cadinol	0.04
71.135	Unidentified	0.01
73.087	Unidentified	0.04
74.296	Unidentified	0.06
		100.00

Chromatogram OriVul3

