



## MATERIAL SAFETY DATA SHEET

According to EU Regulation 1907/2006

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING)

#### 1.1 PRODUCT IDENTIFIER

<b>Product Name</b>	Marjoram Essential Oil
<b>Biological Definition</b>	Origanum Majorana Herb Oil is an essential oil obtained from the herbs of the Sweet Marjoram, Origanum majorana L., Labiatae
<b>INCI Name</b>	Origanum Majorana Herb Oil
<b>Synonyms &amp; Trade Names</b>	-
<b>Internal Product Code</b>	TCDL-CESS-BOWL-NMJO
<b>CAS Number</b>	84082-58-6
<b>EC Number</b>	282-004-4
<b>EINECS Number</b>	282-004-4
<b>REACH Status</b>	Exempt <1T PA

#### 1.2 DETAILS OF THE SUPPLIER OF THE MATERIAL SAFETY DATA SHEET

<b>Company</b>	Cosy Owl Volsom Ltd 20-28 Albert Road, Braintree, Essex, United Kingdom CM7 3JQ
<b>Emergency Telephone Number</b>	01376 560 348

## SECTION 2: HAZARD IDENTIFICATION

### 2.1 CLASSIFICATION OF THE SUBSTANCES OR MIXTURE

The full text for all hazard statements are displayed in Sec.16

<b>Classification (EU 1272/2008)</b>	Flammable Liquid (Cat. 3) – H226 Acute Toxicity (Cat. 4) – H302 Aspiration Toxicity (Cat. 1) – H304 Skin Irritation (Cat. 2) – H314 Skin Corr. (Cat. 1B) – H317 Aquatic Chronic (Cat. 2) – H411
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### 2.2 LABEL ELEMENTS

Label in accordance with Regulation (EC) No 1272/2008

<b>GHS Label:</b>	
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**Signal word:** WARNING

**Contains** This is a natural substance. The substance has a natural variability in its composition. It is obtained by the steam distillation of the fresh leaves and stems *Origanum Marjorana*.

**Hazard Statements:**  
 H226: Flammable Liquid & Vapour  
 H302: Harmful if swallowed  
 H304: May be fatal if swallowed and enters airways  
 H314: Causes severe burns and eye damage  
 H317: May cause an allergic skin reaction  
 H411: Toxic to aquatic 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/light/equipment  
 P242: Use only non-sparking tools  
 P243: Take precautionary measures against static discharge  
 P261: Avoid breathing vapour/spray  
 P264: Wash hands thoroughly after handling  
 P270: Do not eat/drink/smoke when using this product  
 P273: Avoid release to the environment  
 P280: Wear protective gloves/clothing/eye-protection/face protection  
 P501: Dispose of contents/containers in accordance with local/national regulations

**Supplementary Precautionary Statements:** No additional data available.

### 2.3 OTHER HAZARDS

**PBT or vPvB according to Annex XIII** No additional data available.

**Adverse physio-chemical properties** No additional data available.

**Adverse effects on human health** No additional data available.

**Other Hazards** Contains 93.80% VOC



### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 MIXTURE

**15 to 38% terpinene-4-ol** : CAS: 562-74-3, EC: 209-235-5, Acute Tox. 4 H302, Skin Irritation 2 H315

**7 to 26% cis-sabinene hydrate** : CAS: 15537-55-0; EC 239-584-9; not registered

**4 to 19% gamma terpinene**: CAS: 99-85-4, EC: 202-794-6, Flam Liq. 3 H226, Asp. Tox. 1 H304

**2 to 10% para cymene**: CAS: 99-87-6, EC: 202-796-7, Flam Liq. 3 H226, Asp Tox. 1 H304, Aquatic Chronic 2 H411

**3 to 8% sabinene**: CAS 3387-41-5 ; EC 222-212-4 ; H226: Flam Liq. 3 ; H304 Asp. Tox. 1

**2 to 5% alpha terpinene**: CAS: 99-86-5, EC: 202-795-1, Flam Liq. 3 H226, Acute Tox. 4 H302, Asp Tox. 4 H302, Aquatic Chronic 2 H411

### SECTION 4: FIRST AID MEASURES

#### 4.1 DESCRIPTION OF FIRST AID MEASURES

<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Do not induce vomiting. Give a glass of water. See a doctor immediately.
<b>Skin Contact</b>	Wash well with water.
<b>Eye Contact</b>	Flush eyes with water for 15 minutes. If irritation persists see a doctor.

#### 4.2 MOST IMPORTANT SYMPTOMS. BOTH ACCUTE AND DELAYED.

Cooling sensation

#### 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT IF NEEDED

No additional data available.

### SECTION 5: FIRE FIGHTING MEASURES

#### 5.1 EXTINGUISHING MEDIA

Use foam, dry powder, carbon dioxide or vaporising liquids

#### 5.2 SPECIAL HAZARDS ARISING FROM THE PRODUCT

May produce fumes of carbon monoxide and carbon dioxide. Moderate explosion hazard when exposed to flame

#### 5.3 ADVICE FOR FIRE FIGHTERS

Containers close to fire should be removed or cooled with water. Self-contained breathing apparatus and full protective clothing must be worn in case of fire



## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Wear appropriate protective clothing. Shut off all sources of ignition

### 6.2 ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto ground

### 6.3 METHODS AND MATERIAL FOR CONTAMINATED AND CLEANING UP

**For small spills**, wash area with detergent and water.

**For large spills**, contain with earth, sand or similar inert absorbent material and both liquids and solids transferred to salvage containers and arrange disposal by disposal company. Wash spilled area thoroughly with water and detergent.

### 6.4 REFERENCES TO OTHER SECTIONS

See sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 PRECAUTIONS FOR SAFE HANDLING

Avoid spilling, eye and skin contact. Use only in a well-ventilated area. Wash area well with hot water and detergent.

### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Must be stored and transported in accordance with local regulations. Store in tightly closed container in a dry, cool and well ventilated place. Protect from freezing and direct sunlight.

### 7.3 SPECIFIC END USE(S)

No additional data available.


## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION



### 8.1 CONTROL PERAMETERS

No additional data available.

### 8.2 EXPOSURE CONTROLS

<b>Protective equipment</b>	
<b>Process Conditions</b>	No additional data available.
<b>Engineering Measures</b>	Use only in well-ventilated area
<b>Respiratory Equipment</b>	None required when used in well-ventilated area. Use approved half face respirator if using undiluted in confined spaces.
<b>Hand Protection</b>	Use chemical resistant gloves.
<b>Eye Protection</b>	Use safety goggles.
<b>Other Protection</b>	No additional data available.
<b>Hygiene Measures</b>	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
<b>Personal Protection</b>	No additional data available.
<b>Skin Protection</b>	No additional data available.
<b>Environmental Exposure Controls</b>	No additional data available.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIS PYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear Mobile Liquid
<b>Colour</b>	Colourless to yellow
<b>Odour</b>	Characteristic
<b>Relative Density @ 20°C / Specific Gravity @ 25°C</b>	0.883 – 0.910
<b>Refractive Index @ 20°C/ 25°C</b>	1.460 – 1.485
<b>Flash Point (°C)</b>	59°c Pensky Martens Closed Cup method
<b>Melting Point (°C)</b>	No additional data available.
<b>Boiling Point (°C)</b>	No additional data available.
<b>Vapour Pressure</b>	No additional data available.
<b>Solubility in Water @20°C</b>	Not soluble in water
<b>Auto-ignition temperature (°C)</b>	No additional data available.

### 9.2 OTHER INFORMATION



No additional data available.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 REACTIVITY

No additional data available.

### 10.2 CHEMICAL STABILITY

Product is stable under normal temperature conditions

### 10.3 POSSIBLE HAZARD REACTIONS

Hazardous polymerisation does not occur

### 10.4 CONDITIONS TO AVOID

Keep away from heat or flame. Use only in a well-ventilated area.

### 10.5 INCOMPATIBLE MATERIALS

Oxidising Agents, strong acids, strong alkalis

### 10.6 HAZARDOUS DECOMPOSITION PRODUCTS

May produce carbon monoxide and carbon dioxide upon decomposition

## SECTION 11: TOXOLOGICAL INFORMATION

### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

<b>Acute toxicity</b>	Rat (M/F) LD50 >2240 mg/kg (acute oral) Acute dermal LD50 in rats 5000 mg/kg. Essentially non-toxic at 2000 mg/kg
<b>Skin corrosion / irritation</b>	Potential irritant.
<b>Serious eye damage/irritation</b>	Causes serious eye irritation and corrosion
<b>Respiratory or skin sensitisation</b>	May cause gastrointestinal tract irritation with nausea, vomiting and diarrhea. Possible skin sensitiser
<b>Germ cell mutagenicity</b>	No additional data available.
<b>Carcinogenicity</b>	No additional data available.
<b>Reproductive toxicity</b>	No additional data available.
<b>STOT-single exposure</b>	No additional data available.
<b>STOT-repeated exposure</b>	No additional data available.
<b>Aspiration hazard</b>	No additional data available.
<b>Photo-toxicity</b>	No additional data available.
<b>Other information:</b>	No additional data available.



**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 TOXICITY**

Larvae Cx pipiens: Acute 24 hours LC50 >258.71 interpretation – significant larvicidal activity

**12.2 PERSISTENCE AND DEGRADABILITY**

Readily biodegradable.

**12.3 BIOACCUMULATION POTENTIAL**

No additional data available.

**12.4 MOBILITY IN SOIL**

No additional data available.

**12.5 RESULTS OF PBT AND VPVB ASSESSMENT**

No additional data available.

**12.6 OTHER ADVERSE EFFECTS**

Expect moderate toxicity for Algae, Honeybees, Earthworms, Aquatic invertebrates

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 WASTE TREATMENT METHODS**

Regulations for Disposal generally vary according to location. Contact local waste disposal authority for advice, or pass to a chemical disposal company. Ensure compliance with local, state and federal regulations. Waste is suitable for incineration

**SECTION 14: TRANSPORT INFORMATION**

**14.1 UN NUMBER**

UN No. Road	UN3082
UN No. Sea	UN3082
UN No. Air	UN3082

**14.2 UN PROPER SHIPPING NAME**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID (N.O.S)

**14.3 TRANSPORT HAZARD CLASS(ES)**



ADR/RID/ADN Class 9  
 ADR/RID/ADN Class Class 9  
 IMDG Class 9  
 ICAO Class/Division 9

**14.4 PACKAGING GROUP**

ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III

**14.5 ENVIRONMENTAL HAZARDS**

Environmentally Hazardous Substance/Marine Pollutant



#### 14.6 SPECIAL PRECAUTIONS FOR USER

Danger code (Kemler): 90  
 EMS Number: F-A,S-F  
 Stowage Category A

#### 14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE

No additional data available.

### SECTION 15: REGULATORY INFORMATION

#### 15.1 SAFETY, HEALTH AND ENVIRONMENT REGULATIONS / LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

##### Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

##### Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG (108).

##### EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

#### 15.2 CHEMICAL SAFETY ASSESSMENT

No additional information available.

### SECTION 16: OTHER INFORMATION

<b>Hazard and/or Precautionary Statements in Full</b>	H226: Flammable Liquid & Vapour H302: Harmful if swallowed H304: May be fatal if swallowed and enters airways H314: Causes severe burns and eye damage H317: May cause an allergic skin reaction H411: Toxic to aquatic with long lasting effects 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/light/equipment P242: Use only non-sparking tools P243: Take precautionary measures against static discharge P261: Avoid breathing vapour/spray P264: Wash hands thoroughly after handling P270: Do not eat drink/smoke when using this product P273: Avoid release to the environment P280: Wear protective gloves/clothing/eye-protection/face protection P501: Dispose of contents/containers in accordance with local/national regulations
<b>Other Information</b>	Complies with REACH guidance for SDS as circulated by ECHA 2011.
<b>Version</b>	5
<b>Revision Date</b>	19 <sup>th</sup> March 2020
<b>Reason for Revision</b>	Full MSDS Update





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