# The Essential Oil Company

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### 1.1 PRODUCT IDENTIFIER

- **PRODUCT NAME:** ROMAN CHAMOMILE OIL
- **BOTANICAL/CHEMICAL NAME:** Anthemis nobilis
- **MOLECULAR WEIGHT:** N/A
- **MOLECULAR FORMULA:** N/A
- **CLP REFERENCE NUMBER:** N/A
- **REACH REGISTRATION NUMBER:** N/A
- **REACH PREREGISTRATION NUMBER:** N/A
- **APPLICATION OF THE SUBSTANCE:** Flavor, Fragrance application
- **CAS No (TSCA):** 8015-92-7
- **EINEC:** N/A
- **FEMA No:** 2275
- **FDA No:** N/A

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

The Essential Oil Company  
9225 SE 7the Ave.  
Portland, Oregon 97212  
503-872-8772

**FOR FURTHER INFORMATION, PLEASE CONTACT:**

**E-mail address:** Robert Seidel: robert@essentialoil.com

**EMERGENCY TELEPHONE NUMBER**

800-729-5912
2. HAZARDS IDENTIFICATION

**Classification**
Classification of the substance / preparation
Classification according to Regulation (EC) No. 1272/2008
H226/304/305/317/411

Classification according to Directive 67/548/EEC or 1999/45/EC
Xn N R10 - 68/22 – 43 – 65 - 50/53

**Label elements, including precautionary statements**

**Label Elements**
Label elements according to Regulation (EC) No. 1272/2008

![Label elements](image)

Label elements according to Directive 67/548/EEC or 1999/45/EC

![Label elements](image)

**Classification system:**
The classification is according to the latest editions of EU lists, and extended by company and literature data.

**Additional Information:**
See section 16 for the wordings of listed R-, S-phrases, H-statements and Hazard codes.

**Emergency Overview**
Precautionary Statements – Prevention
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed in workplace
Keep away from heat/sparks/open flames/hot surfaces. –No smoking

Precautionary Statements – Response
Specific treatment (see section 4 on this label)
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
IF ON SKIN: Wash with plenty of soap and water
Take off contaminated clothing and wash before reuse
If skin irritation or rash occurs: Get medical advice/attention
IF SWALLOWED: Immediately call POISON CENTER or doctor/physician
Do not induce vomiting
In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements – Storage
Store locked up
Store in well-ventilated place. Keep cool

Precautionary Statements – Disposal
Dispose of contents/container to an approved disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product Description: Essential Oil; UVCB; Substance of biological origin with variable and partially unknown composition.

d.l-Limonene (CAS 7705-14-8)
alpha-Pinene (CAS 80-56-8)
beta-Pinene (CAS 127-91-3)

Hazard Impurities: Not Applicable

Content of R65 classified products: No

Dangerous components:
# 4. FIRST AID MEASURES

**First aid measures for different exposure routes**

<table>
<thead>
<tr>
<th><strong>General Advice</strong></th>
<th>If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or clothing</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Eye contact</strong></td>
<td>Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.</td>
</tr>
<tr>
<td><strong>Skin contact</strong></td>
<td>Consult a physician if necessary. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Remove and wash contaminated clothing before re-use. Wash off immediately with plenty of water. If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water. Immediate medical attention is not required.</td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td>Move to fresh air. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Consult a physician. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors or decomposition products.</td>
</tr>
<tr>
<td><strong>Ingestion</strong></td>
<td>Do not induce vomiting. Drink plenty of water. If symptoms persist, call a physician. Rinse mouth. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.</td>
</tr>
</tbody>
</table>

**Protection of first-aiders** Use personal protective equipment

**Indication of immediate medical attention and special treatment needed, if necessary**
Notes to physician
Symptoms of poisoning may occur after several hours; therefore medical observation for at least 48 hours after the accident.

5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**
Use: Dry chemical. Carbon dioxide (CO₂). Water spray. Alcohol-resistant foam.

**Unsuitable Extinguishing Media**
Do not use a solid water stream as it may scatter and spread fire.

**Specific hazards arising from chemical**
Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Keep product and empty container away from heat and sources of ignition. Risk of ignition. Do not smoke. Do not expose to naked flame.

**Explosion Data**
<table>
<thead>
<tr>
<th>Sensitivity of Mechanical Impact</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity to Static Discharge</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Protective equipment and precautions for firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions**
Avoid contact with skin, eyes and clothing. Use personal protective equipment. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharge.

**Environmental precautions**
Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water
or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and materials for containment and cleaning up

Methods for containment
Prevent further leakage or spillage if safe to do so.

Methods for cleaning up
Cover liquid spill with sand, earth or other noncombustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled containers. Soak up with inert absorbent material. Dam up. Take precautionary measures against static discharges. Ensure adequate ventilation.

Reference to other sections
Refer to section 7, 8 & 13

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling
Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product. Wear personal protective equipment. Do not breathe vapors or spray mist. Use only in area provided with appropriate exhaust ventilation. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat, sparks and open flame. No smoking. Take necessary action to avoid static discharge (which might cause ignition of organic vapors).

Conditions for safe handling

Technical measures/Storage Conditions
Keep container tightly closed in a dry and well-ventilated place. Keep out of reach of children. Keep away from heat and sources of ignition. Keep containers tightly closed in a cool, well-ventilated
Incompatible products
None known based on information supplied.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Control parameters

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

Exposure controls

Engineering measures
Showers
Eye wash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection
Tightly fitting goggles. Face-shield

Skin and body protection
Chemical resistant apron

Respiratory protection
If exposure limits are exceeded for 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.

Hygiene measures
When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work are and clothing. Remove and wash contaminated clothing before re-use.
Environmental exposure controls
Prevent entry into drains, ground/surface water or sewerage system

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information On Basic Physical And Chemical Properties

<table>
<thead>
<tr>
<th>Physical State @20°C</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Colorless to pale yellow</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic fruity odor</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>pH</td>
<td>No information available</td>
</tr>
<tr>
<td>Optical Rotation</td>
<td>-2° to +3°</td>
</tr>
<tr>
<td>Melting point/range</td>
<td>No information available</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>No information available</td>
</tr>
<tr>
<td>Initial boiling point</td>
<td>No information available</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>No information available</td>
</tr>
<tr>
<td>Flashpoint</td>
<td>59°C</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.8520 – 0.9180 @20°C</td>
</tr>
</tbody>
</table>
Refractive Index  1.4420 – 1.4750 @20°C
Evaporation Rate VALUE  No information available
Flammable Properties  No information available
Flammability limits in Air  No information available
Explosive Properties  No information available
Oxidizing Properties  No information available
Vapor Pressure @20°C  No information available
Vapor Density  No information available
Water Solubility  Insoluble in water
Solubility  Soluble in Alcohol
Partition coefficient:  No information available
Autoignition temperature  No information available
Decomposition Temperature ºC  No information available
Viscosity, dynamic  No information available
Molecular Weight  No information available
VOC Content  No information available

10. STABILITY AND REACTIVITY

Reactivity
Not reactive, stable at room temperature

Chemical stability
Stable under recommended storage conditions

Possibility of hazardous reactions
Reactions with strong oxidizers

Conditions to avoid
Heat, flames and sparks

Incompatible materials
Avoid strong acids strong bases and all oxidizing agents

**Hazardous decomposition products**
No dangerous decomposition products expected by intended use

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## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

<table>
<thead>
<tr>
<th>Product information</th>
<th>Product does not present an acute toxicity hazard based on known information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>There is no data available for this product</td>
</tr>
<tr>
<td>Eye contact</td>
<td>There is no data available for this product</td>
</tr>
<tr>
<td>Skin contact</td>
<td>There is no data available for this product</td>
</tr>
<tr>
<td>Ingestion</td>
<td>There is no data available for this product</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LG50 inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roman Chamomile Oil</td>
<td>10000 mg/kg</td>
<td>&gt;5000 mg/kg</td>
<td>No data available</td>
</tr>
</tbody>
</table>

**Information on toxicological effects**

**Symptoms**

No information available

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<table>
<thead>
<tr>
<th>Sensitization</th>
<th>No information available</th>
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</thead>
<tbody>
<tr>
<td>Mutagenic effects</td>
<td>No information available</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>No information available</td>
</tr>
<tr>
<td>Reproductive Toxicity</td>
<td>No information available</td>
</tr>
<tr>
<td>Specific target organ systemic toxicity (single exposure)</td>
<td>No information available</td>
</tr>
<tr>
<td>Specific target organ systemic toxicity (repeated exposure)</td>
<td>No information available</td>
</tr>
</tbody>
</table>
Chronic toxicity

Repeated exposure may cause allergic reactions in very susceptible persons. Avoid repeated exposure.

Aspiration hazard

No information available

CMR Effects

- Carcinogen: No information available
- Mutagen: No information available
- Reprotoxic: No information available

Exposure Limits

Note: There is a blanket recommendation of 10 mg/m3 for inspirable dusts or mists when limits have not otherwise been established

12. ECOLOGICAL INFORMATION

This product contains a chemical which is listed as a marine pollutant according to DOT

Ecotoxicity

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roman Chamomile Oil</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
</tbody>
</table>

Persistence and degradability

No information available

Bioaccumulation

No information available

Other adverse effects
13. DISPOSAL CONSIDERATIONS

**Waste treatment**

**Waste disposal methods**
Dispose of in accordance with local regulations

**Contaminated packaging**
Do not re-use empty containers

**Recommendations:**
- Empty contaminated packing thoroughly as they may be recycled.
- Moistened solids to be disposed of adhering to necessary technical regulations after consulting concerned authorities.

14. TRANSPORTATION INFORMATION

**DOT**

**BULK PACKAGING**
- Marine Pollutant: not regulated

**DOT**

**NON BULK PACKAGING**
- Marine Pollutant: not regulated

**IMDG/IMO**

**UN Number**
1169

**Proper shipping name**
Extracts Aromatic Liquid

**Hazard Classification**
3

**Packaging Group**
III

**Marine Pollutant**
Yes

**MEX**
<table>
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<tr>
<th>UN Number</th>
<th>1169</th>
</tr>
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<tr>
<td>Proper shipping name</td>
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**ICAO**

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**ICAO/IATA**

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**TDG**

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<tbody>
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<td>Extracts Aromatic Liquid</td>
</tr>
<tr>
<td>Hazard Classification</td>
<td>3</td>
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<tr>
<td>Packaging Group</td>
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**RID**

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### ADR/RID

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### AND

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<td>Packaging Group</td>
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</table>

**ADR/IMDG/IATA Labels:**

**Special precautions for users:**

Wear protective gloves/protective clothing/eye protection/face protection. Take off contaminated clothing and wash before re-use. Prevent entry into drains, ground/surface water or sewerage system.

### 15. REGULATORY INFORMATION

**EU regulations**

This product has been classified and marked in accordance with the EU Directives/Ordinance on Hazardous Materials.

**Internal Inventories**

<table>
<thead>
<tr>
<th>TSCA</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSL/NDSL</td>
<td>Yes</td>
</tr>
</tbody>
</table>
**Legend:**

**TSCA** – United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** – Canadian Domestic Substances List/Non-Domestic Substances List

**EINICS/ELINCS** – European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** – Japan Existing and New Chemical Substances

**IECSC** – China Inventory of Existing Chemical Substances

**KECL** – Korean Existing and Evaluated Chemical Substances

**PICCS** – Philippines Inventory of Chemicals and Chemical Substances

**AICS** – Australian Inventory of Chemical Substances

**Sudden Release of Pressure Hazard**

No

**Reactive Hazard**

Yes

**Clean Water ACT**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization ACT (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional or state level pertaining to releases of this material.

**California Proposition 65**
This product does not contain any Proposition 65 Chemicals

### 16. OTHER INFORMATION

**Hazards** Irritant, dangerous for the environment

**Symbols:** Xn; N

**Relevant R – and S phrases**

- **R10** FLAMMABLE.
- **R43** MAY CAUSE SENSITIZATION BY SKIN CONTACT
- **R65** HARMFUL: MAY CAUSE LUNG DAMAGE IF SWALLOWED.
- **R50/53** VERY TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.
- **R68/22** HARMFUL: POSSIBLE RISK OF IRREVERSIBLE EFFECTS IF SWALLOWED.
- **S2** KEEP OUT OF THE REACH OF CHILDREN
- **S46** IF SWALLOWED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL.
- **S53** AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.
- **S61** AVOID RELEASE TO THE ENVIRONMENT. REFER TO SPECIAL INSTRUCTIONS/SAFETY DATA SHEET.
- **S36/37** WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES

**Relevant H-, P Statements and Hazard Codes**

- **H227** FLAMMABLE LIQUID AND VAPOUR
H315 CAUSES SKIN IRRITATION

H317 MAY CAUSE AN ALLERGIC SKIN REACTION

H341 SUSPECTED OF CAUSING GENETIC DEFECTS

H400 VERY TOXIC TO AQUATIC LIFE

H410 VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS

P210 KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES – NO SMOKING

P233 KEEP CONTAINER TIGHTLY CLOSED

P241 USE EXPLOSION - PROOF ELECTRICAL/VENTILATING/LIGHT/.../EQUIPMENT

P261 AVOID BREATHING DUST/FUME/GAS/MIST/VAPOURS/SPRAY

P273 AVOID RELEASE TO THE ENVIRONMENT

P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION

P331 DO NOT INDUCE VOMITING

P391 COLLECT SPILLAGE

P301+310 IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN

P302+352 IF ON SKIN: WASH WITH SOAP AND WATER

P303+361+353 IF ON SKIN (OR HAIR): REMOVE/Take OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER

P333+313 IF SKIN IRRITATION OR A RASH OCCURS: GET MEDICAL ADVICE/ATTENTION

P370 + P378 IN CASE OF FIRE: USE DRY SAND, DRY CHEMICAL OR ALCOHOL RESISTANT FOAM FOR EXTINCTION
P362	TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE RE-USE

P403 + P235	STORE IN A WELL-VENTILATED PLACE. KEEP COOL

P405	STORE LOCKED UP

P501	DISPOSE OF CONTENTS/CONTAINER TO ...

FL 3	FLAMMABLE LIQUID 3

SCI 2	SKIN IRRITANT 2

SS 1	SKIN SENSITISATION 1

AH 1	ASPIRATION HAZARD CATEGORY 1

EH A2	ACUTE AQUATIC TOXICITY 2

EH C3	CHRONIC AQUATIC TOXICITY 3

Revision Date 7/25/15

Revision Note  No information available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of this publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet