

 MSDS - Chamomile Roman - Anthemis nobilis - Essential Oil
**CHAMOMILE ROMAN ESSENTIAL OIL****MATERIAL SAFETY DATA SHEET (MSDS)****01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING**

1.1 Product Identifier					
Product Name		Chamomile Oil Roman.			
Biological Definition		Anthemis Nobilis Flower Oil is the volatile oil distilled from the dried flower heads of the Roman Chamomile, <i>Anthemis nobilis L.</i> , Asteraceae.			
INCI Name		Anthemis Nobilis Flower Oil.			
Synonyms & Trade Names		-			
CAS-No	84649-86-5 / 8015-92-7	EC No.	283-467-5 / -	EINECS No.	283-467-5 / -
1.2 Relative identified uses of the substance or mixture and uses advised against					
No additional data available.					
1.3 Details of the supplier of the safety data sheet					
Essential Oils Direct Ltd – PO Box 161 Oldham OL2 6FA 0161 633 3952 Reg No 04199912					
1.4 Emergency Tel. No.		0161 633 3952			

**02. HAZARDS IDENTIFICATION**

2.1 Classification of the substance or mixture	
The Full Text for all Hazard Statements displayed in Section 16.	
Classification (EC 1272/2008)	
Flam. Liq. 3 H226 Flammable liquid and vapour. Skin Sens. 1 H317 May cause an allergic skin reaction.	
2.2 Label Elements	
Label in accordance with (EC) No 1272/2008	
GHS02	GHS07
	
Signal Word	Warning.
Contains	Pin-2(3)-ene, Béta pinene.
Hazard Statements	
H226 Flammable liquid and vapour. H317 May cause an allergic skin reaction.	
Precautionary Statements	
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P501 Dispose of contents/container in accordance with local/regional/national/international regulations.	
Supplementary Precautionary Statements	
None.	

<b>2.3 Other Hazards</b>	
PBT or vPvB according to Annex XIII	Not applicable.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

### **03. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>3.2 Mixtures</b>	
<b>2.5 – 10.0% Isobutyl butyrate</b> CAS-No.: 539-90-2 EC No.: 208-729-8	
Classification (EC 1272/2008) Flam. Liq. 3, H226	
<b>2.5 – 10.0% Isoamyl isobutyrate</b> CAS: 2050-01-3, EC: 218-078-1	
Classification (EC 1272/2008) Flam. Liq. 3, H226	
<b>2.5 - 10.0% pin-2(3)-ene</b> CAS: 80-56-8, EC: 201-291-9	
Classification (EC 1272/2008) Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1, H317	
<b>&lt;.2.5% beta-Pinene</b> CAS: 127-91-3, EC: 204-872-5	
Classification (EC 1272/2008) Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1, H317	

### **04. FIRST AID MEASURES**

<b>4.1 Description of first aid measures</b>	
Inhalation	Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation. Supply fresh air.
Ingestion	Inform doctor. Do not give milk or fatty oils.
Skin Contact	Immediately wash with water and soap and rinse thoroughly. Immediately rinse with water. If skin irritation continues, consult a doctor.
Eye Contact	Rinse opened eye for several minutes under running water.
<b>4.2 Most important symptoms and effects, both acute and delayed</b>	
No additional data available.	
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	
No additional data available.	

### **05. FIRE-FIGHTING MEASURES**

<b>5.1 Extinguishing Media</b>	
<b>Suitable extinguishing agents:</b> CO <sub>2</sub> , powder or water spray. Fight larger fires with water spray or alcohol resistant foam.	
<b>For safety reasons unsuitable extinguishing agents:</b> Water with full jet.	
<b>5.2 Special hazards arising from the product</b>	
Carbon monoxide (CO).	
<b>5.3 Advice for firefighters</b>	
No special measures required.	

### **06. ACCIDENTAL RELEASE MEASURES**

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	
Wear protective equipment. Keep unprotected persons away.	
<b>6.2 Environmental Precautions</b>	
Do not allow to enter sewers/ surface or ground water.	
<b>6.3 Methods and material for containment and cleaning up.</b>	

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to section 13.

#### 6.4 Reference to other sections

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### 07. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols. Information about fire - and explosion protection: No special measures required.

#### 7.2 Conditions for safe storage, including any incompatibilities

Storage: Requirements to be met by storerooms and receptacles: Store only in unopened original receptacles.  
Information about storage in one common storage facility: Not required.  
Further information about storage conditions: Keep receptacle tightly sealed. Store in the dark.

#### 7.3 Specific end use(s)

No additional data available.

### 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.  
Additional information: The lists valid during the making were used as basis.

#### 8.2 Exposure controls

##### Protective Equipment



Process Conditions	Provide eyewash station. Wash hands before breaks and at the end of work.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	Not required.
Hand Protection	The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation <b>Material of gloves</b> The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. <b>Penetration time of glove material</b> The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye Protection	Tightly sealed goggles.
Other Protection	No additional data available.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils. Keep away from foodstuffs, beverages and feed.
Personal Protection	No additional data available.
Skin Protection	No additional data available.
Environmental Exposure Controls	Avoid discharging into drainage water. Only eliminate by authorised companies.

### 09. PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1 Information on basic physical and chemical properties</b>	
Appearance	Liquid.
Colour	Light blue to blueish green.
Odour	Characteristic.
Relative Density	0.892 to 0.910 @ 20°C
Flash Point (°C)	52°C
Refractive Index	1.440 to 1.450@ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water.
Auto-ignition temperature (°C)	Product is not self-igniting.
<b>9.2 Other information</b>	
No additional data available.	

## **10. STABILITY AND REACTIVITY**

<b>10.1 Reactivity</b>	
No additional data available.	
<b>10.2 Chemical stability</b>	
No decomposition if used according to specifications.	
<b>10.3 Possible hazardous reactions</b>	
No dangerous reactions known.	
<b>10.4 Conditions to Avoid</b>	
No additional data available	
<b>10.5 Incompatible materials</b>	
No additional data available.	
<b>10.6 Hazardous Decomposition Products</b>	
No additional data available.	

## **11. TOXOLOGICAL INFORMATION**

<b>11.1 Information on toxicological effects</b>	
Acute Toxicity	No additional data available.
Skin corrosion / irritation	Irritant to skin and mucous membranes.
Serious eye damage / irritation	No additional data available.
Respiratory or skin sensitisation	Sensitisation possible through skin contact.
Germ Cell Mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	No additional data available.
Photo-toxicity	No additional data available.
Other Information	The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Irritant

## **12. ECOLOGICAL INFORMATION**


<b>12.1 Toxicity</b>	
No additional data available.	
<b>12.2 Persistence &amp; degradability</b>	
No additional data available.	

<b>12.3 Bioaccumulation Potential</b>
No additional data available.
<b>12.4 Mobility in soil</b>
No additional data available. General notes: Do not allow product to reach ground water, water course or sewage system, even in small quantities.
<b>12.5 Results of PBT and vPvB Assessment</b>
Not applicable.
<b>12.6 Other adverse effects</b>
No additional data available.

### **13. DISPOSAL CONSIDERATIONS**

<b>13.1 Waste treatment methods</b>
Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system. Uncleaned packaging: Recommendation: Disposal must be made according to official regulations.

### **14. TRANSPORT INFORMATION**

<b>14.1 UN number</b>
UN No. Road      1169
UN No. SEA        1169
UN No. AIR        1169
<b>14.2 UN proper shipping name</b>
EXTRACTS, AROMATIC, LIQUID.
<b>14.3 Transport hazard class(es)</b>
ADR/RID/ADN Class:    3 ADR/RID/ADN Class:    3 IMDG Class:                3 ICAO Class/Division:    3
Transport Labels

<b>14.4 Packing group</b>
ADR/RID/ADN Packing group:    III IMDG Packing group:                III ICAO Packing group:                III
<b>14.5 Environmental hazards</b>
Not a marine pollutant.
<b>14.6 Special precautions for user</b>
Warning: Flammable liquids. Danger code (Kemler): 30 EMS Number: F-E,S-D
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code</b>
ADR . Limited quantities (LQ) 5L . Excepted quantities (EQ) Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml . Transport category 3

. Tunnel restriction code D/E

IMDG

. Limited quantities (LQ) 5L

. Excepted quantities (EQ) Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental 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.

## 16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction.
Other Information	None.
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