





## Material Safety Data Sheet

### 1. Product and Company Identification

Product name	Essential oil of Roman Chamomile
Botanical name	Chamaemelum nobile L.
INCI name	Anthemis nobilis Oil
Product use	Perfume ingredient
Company information	SAFRANAROMATIC S.A.R.L. 9 avenue du Vigan 30440 Sumene, FRANCE Tel : +33 (0)6 87 31 14 61 / E-mail : safranaromatic@free.fr
Emergency Number (Orfila)	+33 145 42 59 59

### 2. Hazards identification (directives 67/548/CEE, 1999/45/CE, Code of Practice EFFA)

Mention d'avertissement : Danger

Classification	Pictograms	Hazards statements
Flam. Liq. 3 ( FL 3 )	 SGH02	H226 : Flammable liquid and vapour
Skin Irrit. 2 ( SCI 2 )	 SGH07	H315: Peut provoquer une allergie cutanée
Asp. Tox. 1 ( AH 1 )	 SGH08	H304 : Peut être mortel en cas d'ingestion et de pénétration dans les voies respiratoires
Aquatic Acute 1, Aquatic Chronic 1 ( EH A1,C1 )	 SGH09	H410 : Très toxique pour les organismes aquatiques, entraîne des effets néfastes à long terme pour l'environnement aquatique

#### Precautionary statements

P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P301+P310	: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P501	Dispose of contents/container in accordance with local regulations

### 3. Composition/Information on ingredients

Kind of product	Essential Oil, Natural Complex substance (NCS, 100% pure and natural)		
N° CAS (TSCA - USA)	8015-92-7		
N° EINECS (CE)	283-467-5		
N° CAS-EINECS	84649-86-5		
N° FEMA	2275	N° CoE	48n

#### Hazardous or Allergens ingredients (in accordance EC Directives, IFRA and EFFA Code of Practice)

Ingredient	n°CAS	n°EINECS	Classification and hazards statements	max limit
Alpha Pinène	80-56-8	201-291-9	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Sens. 1, H317; Aquatic Acute 1, Aquatic Chronic 1, H410	5%
Limonène	5989-27-5	227-813-5	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Acute 1, Aquatic Chronic 1, H410	1%
Linalol	78-70-6	201-134-4	Skin Irrit. 2, H315	0.5%

### 4. First-Aid measures

Skin contact	<ul style="list-style-type: none"><li>- Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse.</li><li>- Summon a physician, if an irritation appears.</li></ul>
Eye contact	<ul style="list-style-type: none"><li>- Rinse immediately with copious amounts of water for at least 10 minutes – open eyelids forcibly.</li><li>- Summon a physician, if an irritation appears.</li></ul>
Ingestion	<ul style="list-style-type: none"><li>- Rinse mouth with water.</li><li>- Summon a physician immediately.</li></ul>
Excessive Inhalation	<ul style="list-style-type: none"><li>- Remove to fresh air environment.</li><li>- Summon a physician immediately.</li></ul>

## 5. Fire-fighting measures

Suitable extinguishing media	- carbon dioxide, dry powder, foam.
Specific hazards	- avoid exposure to vapors. If necessary, use appropriate respirator.

## 6. Accidental release measures

Personal precautions	- wear protective gloves, do not smoke, keep away sources of ignition. Avoid skin contact and inhalation of vapors. Ventilate well the spilled area.
Environmental protection	- do not allow to enter drains or waterways.
Methods for cleaning up	<ul style="list-style-type: none"><li>- wear gloves.</li><li>- collect spills with an absorbent material and clean up with a detergent. Do not use any solvents. Hand over all used materials to waste removal.</li></ul>

## 7. Handling and storage

### Handling

Technical measures	- handle containers with care. Provide good ventilation. Avoid contact with skin, eyes and clothes. Do not smoke.
Suitable materials	- stainless steel, aluminum, glass.
Unsuitable materials	- plastic and PVC.

### Storage

Storage conditions	<ul style="list-style-type: none"><li>- dry, cool and well ventilated places.</li><li>- keep containers tightly closed.</li><li>- keep away from sun any source of heat.</li></ul>
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## 8. Exposure controls/Personal protection

Engineering Measures	- see 7.
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### Personal protective equipment

Do only handle in well-ventilated areas. Wear gloves, glasses and adapted clothes.

## 9. Physical and chemical properties

Colour	colourless to yellowish
Form	liquid
Odour	characteristic

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Density	0,900 – 0,920 (20°C)
Angular rotation	-2° - +3° (20°C)
Refraction index	1,438 – 1,447 (20°C)
Solubility	water: not soluble alcohol: 1 : 1 – 2 vol. Ethanol 80% (20°C)
Flash point (liquid)	52°C

## 10. Stability and reactivity

Stability	- stable product in adapted storage conditions.
Conditions to avoid	- do not heat to high temperatures. - do not expose to sun.
Materials to avoid	- plastic and PVC.

## 11. Toxicological information

Acute toxicity	- LD50 >5g/kg (oral, rat) - LD50 >5g/kg (skin, rabbit)
Local effects	- skin and eyes : irritant

## 12. Ecological information

This product is to be considered as being potentially dangerous for environment. Avoid any pollution of surface and ground waters.

Observe local/national regulations.

## 13. Disposal considerations

Waste destruction (directive 75/442/CE and 91/689/CE): incineration and dispose of waste material in accordance with ECC or local/national regulations.

Container reuse: An "empty" container can contain product residue, and should not be reused.

## 14. Transport information

Class 3      UN 1993      PI 309      Label Flammable Liquid

Customs Tariff Nr. 3301.2941

## 15. Regulatory information

## 16. Other information

### Bibliographic References :

- Guide of Safety Data Sheets of Annexe II Regulation EC n° 1907/2006 of the European Parliament concerning the Registration, Evaluation and Authorisation of Chemical (REACH)
- The EFFA Code Of Practice 2010, 23<sup>th</sup> of September 2010.

### Last changes 30/11/2010 :

- New Regulation EC n°1272/2008
- Item 2 : New hazard and precautionary statements / pictograms

The information of this safety data sheet is based on current scientific knowledge. It should not be taken as expressing or implying any warranty concerning product characteristics.