

Material Safety Data Sheet

1. Product and Company Identification

Product name	Essential oil of Angelica Roots
Botanical name	Angelica Archangelica L.
INCI name	Angelica Extract
Product use	Aromatic 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@hotmail.fr
Emergency Number (Orfila)	+33 145 42 59 59

2. Hazards identification

Signal Word Danger

Classification	Pictograms	Hazards statements
Flam. Liq. 3 (FL 3)	 SGH02	H226 : Flammable liquid and vapour
Skin Irrit. 2 (SCI 2)	 SGH07	H315: Causes skin irritation
Asp. Tox. 1 (AH 1)	 SGH08	H304 : May be fatal if swallowed and enters airways
Aquatic Acute 1, Aquatic Chronic 1 (EH A1,C1)	 SGH09	H410 : Very toxic to aquatic life with long lasting effects

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

3. Composition/Information on ingredients

Kind of product Huile Essential Oil, Natural Complex substance (NCS, 100% pure and natural).

N° CAS (TSCA - USA)	8015-64-3
N° EINECS (EC)	283-871-1
N° EINECS CAS	84775-41-7
N° FEMA 2088	N° COE 56n

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

Ingredients	n°CAS	n°EINECS	Classification and Hazards statements	limit max
Alpha Pinene	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	30%
Delta 3 carene	13466-78-9	236-719-3	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Sens. 1, H317; Aquatic Chronic 2, H411	15%
Limonene	5969-27-5	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	15%
Para cymene	99-87-4	202-796-7	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411	5%

4. First-Aid measures

Skin contact	- Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. - Summon a physician, if an irritation appears.
Eye contact	- Rinse immediately with copious amounts of water for at least 10 minutes – open eyelids forcibly. - Summon a physician, if an irritation appears.
Ingestion	- Rinse mouth with water. - Summon a physician immediately.
Excessive Inhalation	- Remove to fresh air environment. - Summon a physician immediately.

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	- wear gloves. - 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.

7. Handling and storage

Handling

Technical measures	- handle containers with care. Provide good ventilation. Avoid contact with skin, eyes and clothes.
Suitable materials	- stainless steel, aluminum, glass.
Unsuitable materials	- plastic and PVC.

Storage

Storage conditions	- dry, cool and well ventilated places. - keep containers tightly closed. - keep away from sun any source of heat.
--------------------	--

8. Exposure controls/Personal protection

Engineering Measures	- see 7.
----------------------	----------

Personal protective equipment

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

9. Physical and chemical properties

Color	yellow to brown
Form	liquid
Odor	characteristic
Density	between 0,850 and 0,920 (20°C)
Refraction Index	between 1,470 and 1,488 (20°C)
Angular rotation	between +5° and +41° (20°C)
Solubility	water: not soluble alcohol: 1 : 1,5 vol. Ethanol 85% (20°C)
Flash point	≥ 43°C

10. Stability and reactivity

Stability	- stable product in adapted storage conditions.
Conditions to avoid	- do not heat to temperatures of more than 150°C. - do not expose to sun.

11. Toxicological information

Acute toxicity	- LD ₅₀ ≥ 5 g/kg (oral, mouse) - LD ₅₀ ≥ 5 g/kg (skin, guinea-pig)
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

Customs Tariff Nr. 3301.2941
UN code 1169

Road (ADR/RID: Class 3 item 31/c RID No 301; ADR RN N/2301

Air (IATA/ICAO): Class 3 Packaging group III

Sea (IMDG): 3036-1 Class 3

CHIP: See section 15

15. Regulatory information

EU classification and labeling :

- R10 Flammable
- R38 Irritating to skin

- R43 May cause sensitisation by skin contact
 - R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment
 - R65 Harmful: may cause lung damage if swallowed

 - S24 Avoid contact with skin
 - S37 Wear suitable gloves
 - S61 Avoid release to the environment. Refer to special instructions/safety data sheets.
 - S62 If swallowed, do not induce vomiting: seek medical advice immediately and show the container or label

 - Symbol Xn (harmful) + N (Dangerous for the Environment)
- CE classification N2

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, 23th of September 2010.

Last changes 12/06/2008 :

- 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.