





## Material Safety Data Sheet – Essential Oil of Celery Seeds

### 1. Product and Company Identification

Product name	Essential oil of Celery Seeds
Botanical name	Apium graveolens L.
INCI name	Apium graveolens Oil
Product use	Flavouring or aromatic ingredient
Company information	SAFRANAROMATIC SARL 9 AVENEU DU VIGAN , 30440 SUMENE, FRANCE Tel : 0033 (0)6 87 31 14 61 email : 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: 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	H411 : Toxic to aquatic life with long lasting effects

#### 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)	8015-90-5		
N° EINECS (EC)	289-668-4		
N° EINECS CAS	89997-35-3		
N° COE 52	N° FEMA 2271	FDA 182.20	

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
Limonene	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	80%
Phtalides			Acute Tox. 4, H302; Skin Sens. 1, H317	5%

### 4. First-Aid measures

Skin contact	- Wash contaminated skin with copious amounts of water and
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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. Do not smoke.

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

Colour yellow  
Form liquid  
Odour characteristic

Density	between 0,866 and 0,915 (20°C)
Angular rotation	between +48° and +78° (20°C)
Refraction index	between 1,478 and 1,490 (20°C)
Solubility	water: not soluble alcohol: 1 : 10 vol. Ethanol 90% (20°C)
Flash point (liquid)	58°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.
Materials to avoid	- plastics and PVC.

## 11. Toxicological information

Acute toxicity	- LD <sub>50</sub> >5g/kg (oral, rat) - LD <sub>50</sub> >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 Tarif Nr. 3301.2961

## 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.