

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 19.06.2018

Version n° 4

Revision: 19.06.2018

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

**Ellagic acid**  
**CAS N° : 476-66-4**

#### Trade Name :

Elage

#### INCI Name :

Ellagic acid

#### MINASOLVE Code:

PFS0018

#### REACH Registration number :

Currently exempted from REACH registration due to annual volume < 1mt

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identifies uses : cosmetic ingredient

#### 1.3 Details of the supplier of the safety data sheet

Minasolve S.A.S.  
145, Chemin des Lilas  
F-59310 Beuvry-la-Forêt  
+33 3 20 64 68 30

#### E-Mail (Writer SDS)

sds@minakem.com

#### 1.4 Emergency telephone number:

+33 3 20 64 68 30 (MINAKEM)  
+33 1 45 42 59 59 (INRS - ORFILA)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 -

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 -

Hazard pictograms -

Signal word -

Hazard statements -

#### Precautionary statements

P260 Do not breathe dust.  
P262 Do not get in eyes, on skin, or on clothing.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P314 Get medical advice/attention if you feel unwell.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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**2.3 Other hazards** no data available

### SECTION 3: Composition/information on ingredients

#### 3.1 Chemical characterisation: Substances

<b>Chemical Name</b>	4,4',5,5',6,6'-Hexahydroxydiphenic acid 2,6,2',6'-dilactone
<b>Identification numbers:</b>	EC N° : 207-508-3 CAS N° : 476-66-4 INDEX N° : -
<b>Concentration:</b>	≥ 98%

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

<b>After inhalation:</b>	Supply fresh air. If required, provide artificial respiration. Consult doctor if symptoms persist.
<b>After skin contact:</b>	Remove contaminated clothes, wash affected area with soap and water and rinse thoroughly. If skin irritation continues, consult a doctor.
<b>After eye contact:</b>	Rinse opened eye for several minutes under running water. Then consult a doctor.
<b>After swallowing:</b>	Do not induce vomiting; call for medical help immediately.

#### 4.2 Most important symptoms and effects, both acute and delayed

no data available

#### 4.3 Indication of any immediate medical attention and special treatment needed

no data available

### SECTION 5: Firefighting measures

#### 5.1 Suitable extinguishing agents:

CO<sub>2</sub>, powder or foam

#### 5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire : CO

#### 5.3 Advice for firefighters

##### **Protective equipment:**

Wear self-contained respiratory protective device.

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Wear fully protective suit.

### SECTION 6: Accidental release measures

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

Use personal protection equipment recommended in section 8  
Keep contaminated washing water and dispose of  
appropriately.

**6.2 Environmental precautions:**

Do not allow to penetrate the ground/soil.

**6.3 Methods and material for  
containment and cleaning up:**

Send for recovery or disposal in suitable receptacles.

**6.4 Reference to other sections**

See Section 13 for disposal information.

### SECTION 7: Handling and storage

**7.1 Precautions for safe  
handling**

Ensure good ventilation/exhaustion at the workplace.

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

**Storage conditions:**

Store in cool, dry conditions in well sealed receptacles.

**7.3 Specific end use(s)**

no data available

### SECTION 8: Exposure controls/personal protection

**8.1 Control parameters**

no data available

**8.2 Exposure controls**

**Personal protective equipment:**

**General protective and hygienic  
measures:**

Ensure good ventilation/exhaustion at the workplace.

**Respiratory protection :**

In case of brief exposure or low pollution use respiratory filter  
device. In case of intensive or longer exposure use self-  
contained respiratory protective device.



Suitable respiratory protective device recommended:  
P3 respiratory filter

**Protection of hands:**



Wear protective gloves

**Material of gloves  
(recommendation) :**

Neoprene or nitrile gloves  
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.

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**Eye protection:**



Wear safety goggles

Check that an emergency eyewash facility is available near the handling zone

**Body protection:**



Wear protective work clothing: safety shoes, apron

Check that a security shower is available near the handling zone

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

<b>Appearance:</b>	Crystalline powder
<b>Colour:</b>	Beige to yellow
<b>Odour:</b>	no data available
<b>Odour threshold:</b>	no data available
<b>pH-value:</b>	no data available
<b>Melting point:</b>	> 360 °C
<b>Initial boiling point and boiling range:</b>	no data available
<b>Evaporation rate:</b>	not applicable (solid)
<b>Flash point:</b>	not applicable (solid)
<b>Flammability (solid, gas):</b>	no data available
<b>Decomposition temperature:</b>	no data available
<b>Auto-ignition temperature:</b>	no data available
<b>Explosive properties:</b>	no data available
<b>Explosion limits:</b>	no data available
<b>Oxidising properties:</b>	no data available
<b>Vapour pressure:</b>	not applicable (solid)
<b>Density:</b>	
<b>Relative density:</b>	no data available
<b>Vapour density:</b>	not applicable (solid)
<b>Solubility(ies)</b>	no data available
<b>Partition coefficient: n-octanol/water:</b>	no data available
<b>Viscosity:</b>	not applicable
<b>9.2 Other information</b>	no data available

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

No further relevant information available.

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### **10.2 Chemical stability**

**Conditions to be avoided:** no data available

**10.3 Possibility of hazardous reactions** no data available

**10.4 Conditions to avoid** no data available

**10.5 Incompatible materials:** Acids  
Bases  
Oxidizing agents  
Reducing agents

**10.6 Hazardous decomposition products:** Formation of toxic gases is possible during heating or in case of fire : CO

## **SECTION 11: Toxicological information**

### **11.1 Information on toxicological effects**

**Acute toxicity** Based on available data, the classification criteria are not met.

#### **LD/LC50 values relevant for classification:**

Oral	LD50	> 20000 mg/kg (rat)
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#### **Primary irritant effect:**

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**Irritation and corrosivity** no data available

**Sensitisation** no data available

#### **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

**Germ cell mutagenicity** not mutagenic (in vitro testing, Ames test : negative)

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure** Based on available data, the classification criteria are not met.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

## **SECTION 12: Ecological information**

**12.1 Toxicity** no data available

**12.2 Persistence and degradability** no data available

**12.3 Bioaccumulative potential** no data available

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**12.4 Mobility in soil** no data available

**12.5 Results of PBT and vPvB assessment** no data available

**12.6 Other adverse effects** no data available

### SECTION 13: Disposal considerations

#### **13.1 Waste treatment methods**

**Recommendation** Do not allow product to reach sewage system or any water course  
Must be specially treated adhering to official regulations.  
Incineration according to regulation in force  
Do not allow to penetrate the ground/soil

### SECTION 14: Transport information

**14.1 UN-Number** not applicable  
**14.2 UN proper shipping name** not applicable  
**14.3 Transport hazard class(es)** not applicable  
**14.4 Packing group** not applicable  
**14.5 Environmental hazards:** not applicable  
**14.6 Special precautions for user** no data available  
**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** not applicable  
**UN "Model Regulation":** Void

### SECTION 15: Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture** No further relevant information available.

**Directive 2012/18/EU Named dangerous substances - ANNEX I** Substance is not listed.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Abbreviations and acronyms:** RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

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IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

**\* Data compared to the previous  
version altered.**

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