

## SAFETY DATA SHEET

### INOFINE V

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#### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

##### 1.1. Product identifier

Product name : Inofine V

Synonym name: Pea protein

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

Oenological use

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

Company details: Institut Œnologique de Champagne  
Z.I. de Mardeuil – Allée de Cumières – BP 25  
51201 EPERNAY Cedex  
FRANCE  
Tel: + 33 (0) 3.26.51.96.00.  
Fax: + 33 (0) 3.26.51.02.20.  
[fds@ioc.eu.com](mailto:fds@ioc.eu.com)

##### 1.4. Emergency telephone number

112

#### SECTION 2. HAZARDS IDENTIFICATION

##### 2.1. Classification of the substance or mixture

Not applicable

##### 2.2. Label elements

Not applicable

##### 2.3. Other hazards

#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

##### 3.1. Substances

Chemical name : pea, ext.

Concentration : >= 93 %

CAS No.: 90082-41-0

EC No : 290-130-6

Classification according to 67/548/EEC : NC

Classification according to Regulation (EC) No 1272/2008 (CLP) : NC

REACH Registration No : exempted

##### 3.2. Mixtures

#### SECTION 4. FIRST AID MEASURES

##### 4.1. Description of first aid measures

Inhalation : move the exposed person to fresh air at once. Get medical attention if any discomfort continues

Eye contact : flush thoroughly with water. If irritation occurs, get medical assistance.

Skin contact : wash with soap and water.

Ingestion : get medical attention if symptoms occur.

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

Dust may irritate the eyes and the respiratory system.

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

Treatment: treat symptomatically

#### SECTION 5. FIREFIGHTING MEASURES

##### 5.1. Extinguishing media

Suitable extinguishing media : water spray

Unsuitable extinguishing media : dry chemicals or foams

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

Fire or excessive heat may produce hazardous decomposition products. Dust may form an explosive mixture in the atmosphere. See Section 10

##### 5.3. Advice for firefighters

Special Fire Fighting Procedures : prevent dust cloud

Special protective equipment for fire-fighters: firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA

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#### SECTION 6. ACCIDENTAL RELEASE MEASURES

##### 6.1. Personal precautions, protective equipment and emergency procedures

See Section 8 of the SDS for Personal Protective Equipment.

##### 6.2. Environmental precautions

Avoid release to the environment

##### 6.3. Methods and material for containment and cleaning up

Remove material, as much as possible, using mechanical equipment. Prevent dust cloud. Collect and dispose of spillage as indicated in section 13 of the SDS..

##### 6.4. Reference to other sections

See Section 13 for disposal of the substance

#### SECTION 7. HANDLING AND STORAGE

##### 7.1. Precautions for safe handling

Avoid generation and spreading of dust. See Section 8 of the SDS for Personal Protective Equipment.

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

Store in cool, dry place. Minimize exposure to air..

##### 7.3. Specific end use(s)

Food, pharmaceuticals.

#### SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

##### 8.1. Control parameters

Occupational exposure limits: this product does not contain any component with occupational exposure limits.

##### 8.2. Exposure controls

Appropriate engineering controls : ventilate as needed to control airborne dust. Use explosion-proof ventilation equipment if airborne dust levels are high.

Individual protection measures, such as personal protective equipment:

Eye/face protection : wear dust-resistant safety goggles where there is danger of eye contact.

Skin protection : hand protection: no protection is ordinarily required under normal conditions of use.

Skin protection: other: no special precautions.

Respiratory Protection: in case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P1).

Hygiene measures: handle the product in accordance with the good hygiene practices and safety instructions.

Environmental exposure controls: avoid release to the environment.

#### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance : brown powder

Odour : No

Odour threshold : No data available

pH : 7.3 at 10

Melting / freezing point : No data available

Initial boiling point and boiling range : No data available

Flash point : No data available

Evaporation rate: No data available

Flammability (solid, gas) : No data available

Upper/lower flammability or explosive limits: No data available

Vapour pressure : No data available

Vapour density: No data available

Relative density: No data available

Solubility(ies): No data available

Partition coefficient: n-octanol/water: No data available

Auto-ignition temperature: : ~ 510 °C (Cloud).Godbert-Greenwald

~ 246 °C (product in deposit).> 400 °C (5 mm layer)

Decomposition temperature: No data available

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Viscosity : No data available

Explosive properties: No data available

Oxidising properties: No data available

### 9.2. Other information

## SECTION 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

Oxidizing agents

### 10.2. Chemical stability

The product is stable under normal conditions of storage and handling

### 10.3. Possibility of hazardous reactions

No hazardous reactions under ordinary conditions of use and storage

### 10.4. Conditions to avoid

Prevent dust cloud. Dust clouds may be explosive under certain conditions

### 10.5. Incompatible materials

Strong oxidizing substances

### 10.6. Hazardous decomposition products

Carbon dioxide, carbon monoxide, ammonia, sulfur dioxide

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

The ingredients of this product are not classified as carcinogenic by the ACGIH, the CIRC, the OSHA or the NTP. To the best of our knowledge, this product does not have major toxic effects on health.

Information on toxicological effects :

#### Acute Toxicity :

Test / Substance	Species	Type / Result	Exposure	Remarks
OECD 423	Mouse	LD50 - Oral > 2.000 mg/kg	-	-
OECD 423	Rat	LD50 - Oral > 2.000 mg/kg	-	-

#### Skin irritation :

Test / Substance	Species	Result	Exposure	Remarks
OECD 404	Rabbit	Non Irritating	-	-

#### Serious eye irritation :

Test / Substance	Species	Result	Exposure	Remarks
OECD 405	Rabbit	Non Irritating	-	-

#### Sensitization :

Test / Substance	Type	Species	Result	Remarks
OECD 429	In vivo	Mouse	Non-Sensitising	-

#### Repeated dose toxicity :

Test / Substance	Species	Result	Exposure	Remarks
OECD 408	Rat	NOAEL - 100000 ppm	90 day(s)	-

#### Mutagenesis :

Test / Substance	Type	Species	Result	Remarks
OECD 471 (Ames)	In vitro	<i>S. typhimurium</i>	Negative	-
OECD 474 (micronucleus test)	In vivo	-	Negative	-
OECD 473 (Chromosomal aberration).	In vitro	-	Negative	-

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

There are no data on the ecotoxicity of this product.  
No data available.

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

No data available

### 12.4. Mobility in soil



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No data available

### **12.5. Results of PBT and vPvB assessment**

No data available

### **12.6. Other adverse effects**

No data available

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#### SECTION 13. DISPOSAL CONSIDERATIONS

##### 13.1. Waste treatment methods

Product : dispose of waste in an appropriate authorized treatment facility in accordance with regulations in force and product characteristics at time of disposal.

Packaging material : single use packaging. Collect for salvage or disposal.

#### SECTION 14. TRANSPORT INFORMATION

##### 14.1. UN number

Product not subject to French RTMDR regulations and international FID/ADR, IMO/MDG and OAC/ATA regulations

##### 14.2. UN proper shipping name

No data available

##### 14.3. Transport hazard class(es)

No data available

##### 14.4. Packing group

No data available

##### 14.5. Environmental hazards

No data available

##### 14.6. Special precautions for user

No data available

##### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

#### SECTION 15. REGULATORY INFORMATION

##### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

This Safety Data Sheet is not mandatory according to the requirements of regulation (EC) N°1907/2006 (REACH) article 31 and is provided for information.

##### 15.2. Chemical safety assessment

Exempted

#### SECTION 16. OTHER INFORMATION

Complete review of compliance with Regulation (EU) No 453/2010 of 20 May 2010



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