

# SAFETY DATA SHEET

## OTACLEAN

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### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1. Product identifier

Product name: OTACLEAN

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

Industry, wine and food

#### 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: Carbon

CAS RN: 7440-44-0

EC N°: 231-153-3

Concentration:> 95%

#### 3.2. Mixtures

### SECTION 4. FIRST AID MEASURES

#### 4.1. Description of first aid measures

In case of inhalation: If strong inhalation of dust, remove the subject to the open air, rinse thoroughly with drinking water.

In case of skin contact: Wipe up and wash immediately with water.

In case of eye contact: Immediately flush eyes with plenty of water for at least 15 minutes, to remove all dusts. Consult an ophthalmologist if necessary

If swallowed: Rinse mouth immediately and drink plenty of water.

#### 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

None

### SECTION 5. FIREFIGHTING MEASURES

#### 5.1. Extinguishing media

Recommended: Foam, carbon dioxide (CO<sub>2</sub>), water spray, aqueous fog

Do NOT use water jet

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

Carbon oxides, Burns slowly without a flame if the product is bulked., Rapid combustion with liquid oxygen, ozone and powerful oxidants..

#### 5.3. Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Avoid breathing dust. Avoid contact with skin and eyes. Do not crush, avoid the formation and spread of dust in the air.

For disposal considerations see section 13.

#### 6.2. Environmental precautions

Avoid generating airborne dust. Prevent product from entering drains.

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

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Flush away traces with water.

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#### 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

Smoking, eating and drinking should be prohibited in the application area. Avoid dust formation. Do not enter confined spaces unless adequately ventilated; product absorbs oxygen from air, reducing oxygen available for breathing. Avoid breathing dust. See heading 4. Wash hands after handling. Remove contaminated clothing and protective equipment before entering eating areas

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

Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and flame. Keep from contact with strong oxidizing agents, strong acids.

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

Recommended packaging materials: Large flexible bulk containers., Paper bags, Aluminium or steel for road tankers.

### SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

#### 8.1. Control parameters

##### Exposure Limit Values (dust)

EH40 WEL 12 2011 TWA – 10 Inhalable dust.

EH40 WEL 12 2011 TWA – 4 Respirable dust.

ACGIH (US) 02 2012 TWA – 10 Inhalable particles.

ACGIH (US) 02 2012 TWA – 3 Respirable particles.

##### Carbon

EH40 WEL 12 2011 TWA – 10 Inhalable dust.

EH40 WEL 12 2011 TWA – 4 Respirable dust.

ACGIH (US) 02 2012 TWA – 2 Respirable fraction.

##### Derived No Effect Level (DNEL):

End Use Inhalation Ingestion Skin contact

Workers 3 mg/m<sup>3</sup> (LE, LT)

Consumers 0,5 mg/m<sup>3</sup> (LE, LT)

#### 8.2. Exposure controls

##### General protection measures:

Provide adequate ventilation and / or ventilation in the workshops.

##### Individual protection equipment :

Respiratory protection: Half mask with particulate filter P2 (European Standard 143)

Hand protection: Gloves

Eye / face protection: Bottle for eyewash with pure water, safety glasses

Skin and body protection: Protective clothing.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance : pellets

Odour : No

Odour threshold : No data available

pH : 8-11

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): Insoluble

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

Auto-ignition temperature: > 500 °C

Decomposition temperature: No data available

Viscosity : No data available

Explosive properties: No data available

Oxidising properties: No data available

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#### 9.2. Other information

#### SECTION 10. STABILITY AND REACTIVITY

##### 10.1. Reactivity

Stable under normal conditions

##### 10.2. Chemical stability

No data available

##### 10.3. Possibility of hazardous reactions

Rapid combustion with liquid oxygen, ozone and strong oxidants

##### 10.4. Conditions to avoid

Store in a dry place (to preserve the technical qualities of the product)

##### 10.5. Incompatible materials

Store away from solvents (possibility of adsorption of their fumes/vapours by activated carbon) and powerful oxidants

##### 10.6. Hazardous decomposition products

Carbon oxides

#### SECTION 11. TOXICOLOGICAL INFORMATION

##### 11.1. Information on toxicological effects

No adverse effects in humans to our knowledge under normal conditions of use.

Information on toxicological effects:

###### Acute toxicity:

Inhalation: LC50 / 14 d / rat: 8.5 mg / L (Method: OECD Test Guideline 403)

Ingestion: LD50 / rat: > 2,000 mg / kg (Method: OECD Test Guideline 423)

###### Local effects (corrosion / irritation / serious eye damage):

Skin contact: skin irritation (OECD Test Guideline 404)

Eye contact: eye irritation (OECD Test Guideline 405)

###### Respiratory or skin sensitization:

Inhalation: No data available

Skin contact: Non-skin sensitizer

###### CMR effects:

In vitro mutagenicity: Negative

Carcinogenicity: No data available

Reproductive toxicity: No data available

###### Specific toxicity for certain target organs:

Single exposure: No data available

Repeated exposure: No data available

Aspiration hazard: No data available

#### 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

##### 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

Product or residues: Relevant methods of disposal: Deliver to an approved disposer.

Contaminated packaging: Comply with regulations and ordinances in force.

#### SECTION 14. TRANSPORT INFORMATION

##### 14.1. UN number

If the product is transported in bags or big bags: The product may be unregulated in the event that test 33.3.1.3.3 of the UN Test and Criteria Manual is negative.

IMDG: Not subject to Class 4.2. if IMO-IMDG test negative. (compulsory certificate).

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ICAO / IATA: Samples: not subject to Class 4.2. (compulsory certificate).

ADR / RID: Not subject to Class 4.2. (2.2.42.1.5 of the ADR)

UN Regulations UN Proper Shipping Name Class PG Label Dangerous for the Environment Other Information

ADR 1362 Activated Carbon 4.2 4.2 III No

ADNR 1362 Activated Carbon 4.2 4.2 III No

RIT 1362 Activated Carbon 4.2 4.2 III No

IATA Cargo 1362 4.2 4.2 III No

IATA Passenger 1362 4.2 4.2 III No

IMDG 1362 Activated Carbon 4.2 4.2 III No EmS Number: F-A, S-J

### 14.2. UN proper shipping name

Not regulated

### 14.3. Transport hazard class(es)

Not regulated

### 14.4. Packing group

Not regulated

### 14.5. Environmental hazards

Not regulated

### 14.6. Special precautions for user

Not regulated

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

Not regulated

## SECTION 15. REGULATORY INFORMATION

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

Product not concerned by labeling of dangerous substances and preparations.

### 15.2. Chemical safety assessment

No.

## SECTION 16. OTHER INFORMATION

Compliance with Regulation (EU) N° 453/2010 of 20 May 2010

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