

# Material Safety Data Sheet: Flottocarb



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## 1. INFORMATION IDENTIFYING THE PREPARATION AND THE COMPANY

**Commercial name:** Flottocarb  
**Type of product and use:** Activated Carbon  
**Distributor's name:** ENOLOGICA VASON s.r.l. Loc. Nassar 37  
37020 PEDEMONTE (VR) ITALY  
tel.045-6859017

Company phone number for emergencies: 045-6859017

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## 2. COMPOSITION – INFORMATION CONCERNING COMPONENTS

**Description:** water soluble vitamin

**Chemical characteristics:**

CAS Number	EINECS Number	Components	Hazards
7440-44-0	231-153-3	Carbon chemically activated	<b>Non hazardous</b>

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## 3. HAZARD IDENTIFICATION

**Most important hazards:**

No particular hazards known

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## 4. FIRST AID MEASURES

**Contact with skin:**

Remove contaminated clothes, wash affected skin with water and soap – do not use solvents.

**Contact with eyes:**

Rinse immediately with tap water for 10 minutes – open eyelids forcibly.

**Ingestion:**

Rinse mouth with water. See a doctor immediately, and show him/her this MSDS.

**Inhaling:**

Remove the casualty to fresh air and keep him/her calm. Consult physician

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## 5. FIRE PREVENTION

**Appropriate fire extinguishing materials:**

Foam.

**Inappropriate fire extinguishing materials for safety reasons:**

Water in enclosed areas

**Risks involved in product combustion:**

Burns slowly without a flame if the product is bulked.

Rapid combustion with liquid oxygen, ozone and powerful oxidants..

**Specific protective gear:**

Gas mask. Precipitate gases/vapours/mists with water spray

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### 6. MEASURES TO BE TAKEN IN CASE OF ACCIDENTAL RELEASE

**Precautionary measures for the personnel:**

Keep the premises well-aired.  
Wear a mask, gloves, and protective clothing.

**Precautionary measures for the environment:**

Contain the outpour with earth or sand.  
If the product has been released into a river, a sewage system, or if it has contaminated the substrate or the vegetation, inform competent authorities.

**Clean-up methods:**

Collect solids (avoid dust formation) and hand over to waste removal. Rinse with plenty water

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### 7. HANDLING AND STORAGE

**Handling:**

Technical measures:  
The wearing of dust mask is recommended.  
Avoid the formation and spread of dust in the air.

**Storage:**

Technical measures:  
Store away from solvents and powerful oxidants  
Storage conditions:  
Dry, cool and well ventilated place.  
Incompatible products:  
Quick combustion with liquid oxygen, ozone and powerful oxidants

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### 8. CONTROL OF EXPOSURE AND PERSONAL PROTECTION

**Additional information concerning technical equipment:**

No other instructions, see item 7.

**Personal protection precautions:**

General hygiene in the workplace and protection norms:  
Keep away from food, drink, forage.  
Remove contaminated clothing.  
Wash hands before taking a break or at the end of work.  
Respiratory system protection:  
A mask with a filter against dust is necessary where airing is insufficient or if exposure is prolonged.  
Hand protection:  
Natural latex gloves designed for the chemical industry and with CE homologation.  
Protecting the eyes:  
Safety glasses.

**Exposure limits:**

FRANCE:  
- total dust : VME : 10 mg/m<sup>3</sup>

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USA (ACGIH):

- total dust : LV-TWA : 10 mg/m<sup>3</sup>

UNITED KINGDOM:

- total dust : Long – term exposure limit (8-hour TWA reference period): 10 mg/m<sup>3</sup>

### 9. CHEMICAL PHYSICAL CHARACTERISTICS

- Appearance:	Powder;
- Colour:	black;
- Odour:	odourless.
- pH value	2-7
- Flash point	Not applicable;
- Autoignition temperature	Temperature of spontaneous combustion in layer: 380°C Minimum temperature to ignite > 500°C
- Explosive properties	Deflagration Class St1 (KSt < 200 m.bar/s) Explosivity Lower Limit: 20 g/m <sup>3</sup>
- Density at 20°C:	Apparent 300-500 Kg/m <sup>3</sup>
- Solubility at 20°C:	
in water:	insoluble
in organic solvents	insoluble

### 10. STABILITY AND REACTIVITY

**Conditions to be avoided:**

Stable at room temperature. Quick combustion with liquid oxygen, ozone and powerful oxidants

**Materials to avoided:**

Store away from solvents and powerful oxidants

**Hazardous decomposition products:**

Carbon oxides

### 11. TOXICOLOGICAL INFORMATION

To our knowledge, no harmful effects for man under normal conditions of use

**Acute toxicity**

LD<sub>50</sub> > 10 g/kg (oral, rat)

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

This product is not hazardous to the environment.

Product must not be released into the environment if dangerous substances are adsorbed onto the product

**Air pollution**

Highly mobile (dust)

**Other information**

Insoluble in aqueous solution, the product can be separated by filtration or sedimentation

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### 13. DISPOSAL

Recuperate if possible. Operate in accordance with national norms.

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### 14. INFORMATION CONCERNING TRANSPORTATION

#### INTERNATIONAL REGULATIONS.:

If the product is transported in bags or big bags:

UN label packaging class danger

ADR/RID	Not subjected to class 4.2. (2.2.42.1.5 of the ADR)
IMO-IMDG	Not subjected to class 4.2. if test IMO-IMDG negative (certificate obligatory)
OACI-IATA	Samples: not subjected to class 4.2. (certificate obligatory)
Other information:	ACTIVATED CARBON

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### 15. INFORMAZIONI SULLA REGOLAMENTAZIONE

D.Lgs.	3/2/1997 n.52	Classification, packaging, and labelling of dangerous substances;
D.Lgs.	14/3/2003 n.65	Classification, packaging, and labelling of dangerous preparations;
D.Lgs.	2/2/2002 n.25	Risks derived from chemical agents in the workplace;
D.M. Lavoro	26/2/2004	Professional exposure limits;

The preparation is not to be considered dangerous in terms of the 88/379/CEE directive and subsequent amendments.

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### 16. ADDITIONAL INFORMATION

#### Additional information:

Enologica Vason holds training meetings concerning the knowledge and safe use of its preparations.

This information is based on knowledge updated on the date of emission and/or revision. It refers only to the product indicated and does not constitute specifications or a guarantee of quality.

Emitted on: 08/11/2005  
Revision n.: -

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This data sheet annuls and replaces all earlier editions.