

# Material Safety Data Sheet: Amar04®



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## 1. INFORMATION IDENTIFYING THE PREPARATION AND THE COMPANY

**Commercial name:** Amar04®  
**Type of product and use:** Malolactic fermentation in wine  
**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:** Lactic acid bacteria of the species *Oenococcus oeni*  
Freeze-dried concentrated culture of *Oenococcus oeni* produced by concentration and freeze drying of a pure fermentation of the bacteria

**Chemical characteristics:**

Components	Hazards
<i>Oenococcus oeni</i>	Non hazardous

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## 3. HAZARD IDENTIFICATION

**Inhaling:**

Sensitisation may occur on prolonged and repeated exposure

**Ingestion:**

Can cause gastrointestinal disorders

**Contact with skin :**

May cause irritation after prolonged contact.

**Contact with eyes :**

May cause irritation on direct contact

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## 4. FIRST AID MEASURES

**Contact with skin:**

Rinse with water.

**Contact with eyes:**

Flush eye with water, remove contact lenses before flushing, seek medical attention.

**Ingestion:**

Rinse mouth with water. If irritation persists, seek medical attention.

**Inhaling:**

Ventilate the premise. In case of discomfort contact a doctor.

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## 5. FIRE PREVENTION

The product is not inflammable.

**Appropriate fire extinguishing materials:**

Water, foam and dry chemicals.

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

None.

**Risks involved in product combustion:**

None known.

**Specific protective gear:**

Normal procedure to be used.

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

**Precautionary measures for the personnel:**

Keep the premises well-aired. Avoid the formation of dust.

Wear a mask, gloves, and protective clothing.

**Precautionary measures for the environment:**

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:**

Rinse area with water

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## 7. HANDLING AND STORAGE

**Handling:**

Handle in accordance with good manufacturing practice.

**Storage:**

Keep in the closed, original container

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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.

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- Hand protection:  
 Natural latex gloves designed for the chemical industry and with CE homologation.
- Protecting the eyes:  
 Safety glasses.
- Protecting the body:  
 Lab coat, boots.

### 9. CHEMICAL PHYSICAL CHARACTERISTICS

- Appearance:	Granular;
- Colour:	White;
- Odour:	Yeast-like odour.

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- Density at 20°C:	0,1 g/mL
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- Solubility at 20°C: in water:	complete
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### 10. STABILITY AND REACTIVITY

**Conditions to be avoided:**

Formation of dust.

**Substances that need to be avoided:**

None known.

**Dangerous decomposition products:**

None known.

### 11. TOXYCOLOGICAL INFORMATION

No other instructions, see item 3.

### 12. ECOLOGICAL INFORMATION

Readily degradable in the environment.

### 13. DISPOSAL

Operate in accordance with national norms.

### 14. INFORMATION CONCERNING TRANSPORTATION

Product is not dangerous in regards of transportation norms.

### 15. INFORMAZIONI SULLA REGOLAMENTAZIONE

D.Lgs. 3/2/1997 n.52 Classification, packaging, and labelling of dangerous substances;

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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: 27/10/2005

Revision n.: -

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This data sheet annuls and replaces all earlier editions.