



## Safety data sheet

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### 1. Product and company identification

**Product name:** MaloBacti™ AF3 strain: DSM 22582  
**Intended use:** For induction of malolactic fermentation in wine.  
**Supplier:** 2B FermControl GmbH, Zähringer Straße 4, 79206 Breisach, Germany, Tel: +49 7667 911531

### 2. Composition/information on ingredients

**Chemical characteristics:** Freeze dried lactic acid bacteria of the species *Oenococcus oeni*.

### 3. Description of Hazards

Not hazardous product

### 4. First-aid measures

**Skin exposure:** Rinse with water.  
**Eye exposure:** Rinse with water.  
**Inhalation:** n.a.  
**Ingestion:** Non-toxic.  
**General instructions:** -

### 5. Fire-fighting measures

All fire-fighting methods can be used.

### 6. Accidental release measures

**Personal precautions:** Wear dust mask in poorly ventilated areas.  
**Environmental precautions:** -  
**Methods for cleaning up:** Sweep area and rinse with water.

### 7. Handling and storage

**Handling:** According to GMP (Good Manufacturing Practice)  
**Storage:** Store cold (<-18°C)  
**Requirements for storage rooms and containers:** Always store in original container.  
**Storage class:** -

### 8. Exposure controls/personal protection

**Recommended control equipment:** -  
**Control parameters:** -

<b>Recommended personal protection:</b>	-
<b>Respiratory:</b>	Wear dust mask in poorly ventilated areas.
<b>Hands:</b>	n.a.
<b>Eyes:</b>	Normal industrial eye precautions should be followed.

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## 9. Physical and chemical properties

<b>Appearance:</b>	Powder.
<b>Colour:</b>	Toasty.
<b>Odour:</b>	Typical dairy/yeast odour.
<b>Changes in appearance:</b>	-
<b>Freezing point:</b>	n.a.
<b>Boiling point/boiling range:</b>	n.a.
<b>Flash point:</b>	-
<b>Autoflammability:</b>	-
<b>Explosive properties:</b>	-
<b>Specific gravity:</b>	1.1 – 1.2
<b>Solubility/miscibility in water:</b>	High solubility in water
<b>pH (concentrate) (10g/L) at 20° C:</b>	5.0-5.5
<b>Futher instructions:</b>	-

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## 10. Stability and reactivity

<b>Conditions and materials to avoid:</b>	None.
<b>Conditions of reactivity:</b>	Stable.
<b>Harzardous decomposition products:</b>	None.
<b>General instructions:</b>	-

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## 11. Toxicological information

<b>General:</b>	Not applicable – non-toxic food ingredient.
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## 12. Ecological information

General:

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## 13. Disposal considerations

<b>Disposal of materials:</b>	Can be treated as garbage.
<b>Disposal of packaging:</b>	Use licensed disposal facility. Follow local regulations.

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## 14. Transport information

None.

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## 15. Regulatory information

None.

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## 16. Other information

None.

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