

# MATERIAL SAFETY DATA SHEET (DIRECTIVE 91/155/EEC)



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## BIOAGING

### 1 - PRODUCT AND COMPAGNY IDENTIFICATION

Product name : BIOAGING R / BIOAGING W

Supplier : PRÉDEL

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France  
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Uses : Product for enological use

### 2 - DATA ON COMPONENTS

- Composition : Yeast product (proteins, carbohydrates, mineral matters).

### 3 - HEALTH HAZARD IDENTIFICATION

This product is not classified in the Annex I of Directive 67/548/EEC.

Signs and symptoms of overexposure to bacterial powder through primary routes of exposure:

- Skin contact : May cause irritation on prolonged contact.
- Eye contact : May cause eye irritation upon direct contact.
- Inhalation : In some cases, repeated exposure may lead to allergic sensitisation based on the exposure level, duration and susceptibility of the individual. Subsequent chronic or acute exposure in sensitised persons may cause a respiratory allergic reaction in minutes or delayed, or a mixture of both. Typical symptoms are respiratory irritation, breathlessness, coughing, chest tightness and difficulty breathing.
- Ingestion : Excessive ingestion of highly concentrated yeast powder could lead to intestinal discomfort (e.g. diarrhoea, bloating, cramping, etc.).

### 4 - FIRST AID MEASURES

- Inhalation : Remove person from danger area. Supply person with fresh air and consult doctor according to symptoms.
- Eye contact : Wash thoroughly for several minutes using copious water. Call doctor immediately, have Data Sheet available.
- Skin contact : Wash thoroughly using copious water. Remove contaminated clothing immediately. If skin irritation occurs (redness etc...), consult doctor.
- Ingestion : Give copious water to drink. Consult doctor if necessary.

### 5 - FIRE FIGHTING MEASURES

- Conditions of flammability : Unknown.
- Extinguishing media : Water, foam, carbon dioxide, dry powder.
- Flash point and method of determination : Solid.
- Firefighting procedures : Use self-contained breathing apparatus (SCBA) when exposed to confined or enclosed fires. Material becomes slippery when wet.

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### 6 - ACCIDENTAL RELEASE MEASURES

- Personal precautions : Ensure sufficient supply of air. Avoid inhalation, and contact with eyes or skin. Recommended : no contact with products of this type in case of allergies, asthma and chronic respiratory tract disorders.
- Environmental measures : Prevent from entering drainage system. If leakage occurs, dam up.
- Methods for cleaning up : Collect using absorbant material (e.g. Universal binding medium). Flush residue using copious water. Clean soiled bottles immediately.

### 7 - HANDLING AND STORAGE

- Handling : Avoid breathing dust. Avoid contact with eyes, skin and clothing. Wear protective equipment described in Section VIII if exposure conditions warrant. Wash thoroughly after handling. Launder contaminated clothing before reuse.
- Storage : Store in original container or in clean, covered container. Keep containers sealed and dry. Store in cool, dry, well-ventilated area. Avoid storage at elevated temperatures for prolonged periods of time. Bags should be kept sealed and dry.

### 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

- Respiratory protection : Protective mask should be worn in conditions of excessive dusting.
- Eye protection : Protective glasses should be worn in conditions of excessive dusting. If eye contact occurs, rinse with water.
- Clothing : Suitable protective clothing. Follow current Good Manufacturing Practices when handling food ingredients and materials.

### 9 - PHYSICAL AND CHEMICAL PROPERTIES

- Physical state : Powder
- Color : Beige
- Self-ignition temperature : > 100°C

### 10 - STABILITY AND REACTIVITY

Product stable under normal operating conditions.

### 11 - TOXICOLOGICAL INFORMATION

Product recognized as safe.

### 12 - ECOLOGICAL INFORMATION

No environmental effect.

### 13 - DISPOSAL CONSIDERATIONS

- Product : Wash out the residues with water or neutralise them with lime or calcium carbonate and then wash with water. Dispose the product in accordance with local laws and regulations.
- Contaminated packaging : Empty the packaging accurately and dispose them depending on the material.

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### 14 - TRANSPORT INFORMATION

Product non subject to ADR/RID, IMO and IATA regulations, related to road, sea and airway transport of dangerous goods.

### 15 - REGULATORY INFORMATION

EC Labelling : Not required.

### 16 - OTHER INFORMATION

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