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**1. PRODUCT/PREPARATION/COMPANY**

Trade name: **BIOTOOLS MB Agarose** Company: Biotools, B & M Labs, S.A.  
Product Number: 20.011, 20.012, 20.013, 20.014 Valle de Tobalina – 52 – Nave 39  
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SPAIN  
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Fax: + 34 91 505 31 18

Emergency number: please contact Biotools distributor in your country. Spain only: 91 562 04 20

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**2. HAZARDS IDENTIFICATION**

Not hazardous according to Directive 67/548/EC.

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**3. COMPOSITION OF THE PRODUCT/INFORMATION ON INGREDIENTS**

Chemical characterisation: White powder. Volume of each product package varies: 100 gr – 1000 gr.

Active ingredients:

CAS-No	EC no	Name	Contents	Danger <sup>1</sup>	Risks
9012-36-6	232-731-8	Agarose	> 95.0 %	None	None

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**4. FIRST AID MEASURES****Skin contact**

Wash skin with water and soap and rinse thoroughly. Remove contaminated clothing.

**Eye contact**

Rinse opened eyes for at least 15 min with copious amounts of water. Call a physician if eyes become irritating.

**Ingestion**

Rinse mouth. Drink plenty of water. Call a physician if irritating or symptoms occur.

**Inhalation**

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

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**5. FIRE FIGHTING MEASURES****Suitable extinguishing media**

Water spray, carbon dioxide, dry chemical powder or appropriate foam.

**Fire and explosion hazards**

Emits irritant or toxic fumes under fire conditions.

**Protective equipment**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes

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**6. ACCIDENTAL RELEASE MEASURES****Personal precautions**

Wear protective gloves and goggles.

**Environmental precautions**

Product must not enter ground, sewerage system or water course

**Measures for cleaning/collecting**

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

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<sup>1</sup> Dangers and risks on active ingredients are applicable to pure ingredients. Amounts present in the specified product are under threshold levels as per Directive 67/548/EC and other European Legislation in force.

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## 7. HANDLING AND STORAGE

### Handling

Always keep the containers tightly closed. Observe good laboratory technique when handling.

### Storage

Store in the original container, in a cool dry place.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Exposure limits

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

### Eye protection

Wear safety glasses.

### Hand protection

Wear protective gloves

### Skin protection

Wear labcoat

### Hygiene measures

General industrial hygiene practice.

### Breathing equipment

Not required

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Powder

**Colour:** white

**Odour:** Odorless

**Boiling point:** no data available.

**Flash point:** no data available

**Explosive properties:** no data available

**Vapor pressure:** no data available

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## 10. STABILITY AND REACTIVITY

### Stability

Stable under normal handling and storage conditions

### Decomposition

Toxic fumes of: carbon monoxide, carbon dioxide.

### Conditions to avoid

Avoid strong oxidising agents, fire.

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## 11. TOXICOLOGICAL INFORMATION

### Potencial Health Effects

#### Inhalation

May be harmful if inhaled. May cause respiratory tract irritation.

#### Skin

May be harmful if absorbed through skin. May cause skin irritation.

#### Eyes

May cause eye irritation.

#### Ingestion

May be harmful if swallowed.

### Acute toxicity

No data available

### Chronic exposure

No data available

### Sensitization

No data available

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## 12. ECOLOGICAL INFORMATION

No data available

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### 13. DISPOSAL CONSIDERATIONS

Controlled disposal in waste system. Product disposal (leftovers or residues resulting from normal use) does not pose any serious hazards in the adequate proportion.

The product and packaging should be disposed of in accordance with the instructions of the local authorities.

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### 14. TRANSPORT INFORMATION

**RID/ADR**

Non-hazardous for road transport

**IMDG**

Non-hazardous for sea transport

**IATA**

Non-hazardous for air transport

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### 15. REGULATORY INFORMATION

Not hazardous according to Directive 67/548/EC.

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### 16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge, and is applicable to the product with regards to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Biotools, B & M Labs, S.A. shall not be held liable for any damage resulting from handling or from contact with the above product.

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