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**1. PRODUCT/PREPARATION/COMPANY**

Trade name: **BIOTOOLS HR Agarose** Company: Biotools, B & M Labs, S.A.  
Product Number: 20.021, 20.022 Valle de Tobalina – 52 – Nave 39  
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SPAIN  
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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: 50 gr.-100 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**

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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.

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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**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**

<b>Inhalation</b>	May be harmful if inhaled. May cause respiratory tract irritation.
<b>Skin</b>	May be harmful if absorbed through skin. May cause skin irritation.
<b>Eyes</b>	May cause eye irritation.
<b>Ingestion</b>	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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