



1. PRODUCT/PREPARATION/COMPANY

Trade name: **BIOTOOLS MB Agarose**

Company:

Biotoools, B & M Labs, S.A.
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Product Number: 20.011, 20.012, 20.013, 20.014

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2. 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 ¹	Risks
9012-36-6	232-731-8	Agarose	> 95.0 %	None	None

3. HAZARDS IDENTIFICATION

Not hazardous according to Directive 67/548/EC.

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.

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

¹ 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.

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.

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.

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



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

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.

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

12. ECOLOGICAL INFORMATION

No data available

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.

14. TRANSPORT INFORMATION

RID/ADR
Non-hazardous for road transport

IMDG
Non-hazardous for sea transport

IATA
Non-hazardous for air transport

15. REGULATORY INFORMATION

Not hazardous according to Directive 67/548/EC.

MB Agarose	
Indication of Danger	-
R phrases	-
S Phrases	-

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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