Material Safety Data Sheet

1. Identification of the substance/preparation and of the company/undertaking

- Product details
- Component name: **Agarose**
- Product name: **Agarose Molecular Biology Grade (100g)**
  Agarose Molecular Biology Grade (500g)
- **Agarose Molecular Biology Grade (1Kg)**
- Catalog number: **EP-0010-01**
  EP-0010-05
  EP-0010-10
- Manufacturer/Supplier: Eurogentec S.A.
  LIEGE SCIENCE PARK
  4102 Seraing
  Belgium
  Tel. +32-4-3727400
  Fax.+32-4-3727500
- Further information obtainable from: Eurogentec Helpdesk
  Tel. +32-4-3727665
- Information in case of emergency: Please contact the regional Eurogentec representation in your country or Eurogentec S.A. directly.
- MSDS-Nr.: MSDS-AGAROSEMBG-V2

2. Composition/information on ingredients

- Chemical characterization
- Description: Agarose , H_2O

Dangerous components: No hazardous substances in reportable quantities.

3. Hazards identification

- Hazard description: Not applicable
- Information concerning particular hazards for human and environment: -
- Classification system: The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4. First-aid measures

- After inhalation: -
- After skin contact: Wash off under running water
- After eye contact: Rinse out with plenty of water
- After swallowing: Consult doctor if feeling unwell

5. Fire-fighting measures

- Suitable extinguishing agents: Water, foam, CO_2
- Protective equipment: Protective clothing and goggles

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6. Accidental release measures

- Person-related safety precautions:
- Measures for environmental protection: Do not allow product to reach sewage system or any water course.
- Measures for cleaning/collection: Take up dry. Forward for disposal. Clean up affected area.

7. Handling and storage

- **Handling:**
- Information for safe handling: Not required
- Information about fire: Combustible

- **Storage:**
- Requirements to be met by storerooms and receptacles: No further requirements
- Information about storage in one common storage facility: Not Required
- Further information about storage conditions: +15°C to +25°C
- Class according to regulation on flammable Liquids: Combustible

8. Exposure controls/personal protection

- Additional information about design of technical facilities: No further requirements
- Ingredients with limit values that require monitoring at the workplace: No ingredients need monitoring
- Personal protective equipment:
- General protective and hygienic measures: Wash hands after use of the product
- Respiratory protection: Required when dusts are generated
- Protection of hands: Protective gloves are not required, but recommended
- Eye protection: Protective goggles

9. Physical and chemical properties

- Form: Solid
- Color: White
- Odor: Odorless
- Change in condition
  - Melting point/range: 60-90°C
  - Boiling point/range: undetermined
- Flash point: Not applicable
- Self-igniting: undetermined
- Danger of explosion: undetermined
- Density: 0.5-0.9
- Solubility in water: Soluble
- Miscibility with water: Miscible

10. Stability and reactivity

- Thermal decomposition/conditions to be avoided: No information available
- Dangerous reactions: No information available
- Dangerous decomposition products: No information available

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11. Toxicological information

- Acute toxicity: Not available
- Primary irritant effect:
- On the skin: -
- On the eye: -
- Sensitization: -
- Additional toxicological information: After swallowing: diarrhea
  When the product is handled appropriately, hazardous effects are unlikely to occur

12. Ecological information

- General notes: When the product is handled appropriately, No ecological problems are expected

13. Disposal considerations

- Product:
- Recommendation: Dispose in compliance with official regulations.

- Uncleaned packaging:
- Recommendation: Dispose in compliance with official regulations
- Recommended cleansing agents: -

14. Transport information

- Land transport ADR/RID (cross-border)
- ADR/RID class: -

- Maritime transport IMDG:
- IMDG Class: -
- Marine pollutant: No

- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA Class: -

15. Regulation information

- Labeling according to EU guidelines:
- Symbol -
- R-phrases -
- S-phrases -

16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.