

MATERIAL SAFETY DATA SHEET

AgaPure™ Agarose HR

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

1.1. PRODUCT DETAILS

Trade Name: AgaPure™ Agarose HR

Catalog Number: AG008, AG009.

1.2. COMPANY DETAILS

Supplier: Canvax Reagents S.L., Luis de Mercado St. 19, Boecillo Technological Park, Valladolid (Spain)

1.3. EMERGENCY TELEPHONE NUMBER

Emergency Telephone Number: +34 704100087

2. HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Classification (67/548/CEE) or (1999/45/CE): Xi; R41, R38, R42

Physical Hazards: not classified

Health Hazards: Skin Irritation 2 – H315 Eye Damage 1 – H318 Respiratory Sensitivity 1- H334

Environmental Hazards: not classified.

2.2. LABEL ELEMENTS

No Pictogram

2.3. PREVENTIVE ADVICE

Not Applicable

2.4. OTHER HAZARDS

Not Applicable

This substance is not classified as PBT or vPvB according to current EU criteria.

3. CHEMICAL CHARACTERIZATION

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

4. FIRST AID MEASURES

4.1. DESCRIPTION OF DIRTS AID MEASURES

Inhalation: Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.



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Ingestion: Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

Skin contact: Rinse with plenty of water. Immediate medical attention is not required.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Not Applicable

4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Non-specific recommendations. In case of doubt, seek medical attention immediately.

5. FIRE FIGHTING MEASURES

5.1. EXTINGUISHING MEDIA

Suitable extinguishing media Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

Unsuitable extinguishing media No information available.

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Not known.

5.3. ADVICE FOR FIRE FIGHTERS

Wear positive pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Wear protective clothing as described in Section 8 of this Safety data sheet. Avoid inhalation of mists and contact with skin and eyes. Provide adequate ventilation.

6.2. ENVIRONMENTAL PRECAUTIONS

No special environmental precautions required.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Collect the product with a vacuum cleaner. If this is not possible, pick it up with a shovel, broom or similar. Wash the contaminated area with plenty of water. Collect and place in suitable waste disposal containers and seal tightly. For waste disposal, see Section 13.

6.4. REFERENCE TO OTHER SECTIONS

For disposal: see section 13



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7. HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING

Use personal protective equipment as required. No special handling advices are necessary.

7.2. CONDITIONS FOR SAFE STORAGE INCLUDING ANY INCOMPATIBILITIES

Keep container tightly closed. Keep only in the original container. Store: Room Temperature (20 – 24 °C). For long-term storage may also be done at 4–8 °C. Protect from moisture. Light Sensitive.

7.3. SPECIFIC END USE(S)

For research use only.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. CONTROL PARAMETERS

Exposure Limits: Contains no substances with occupational exposure limit values.

Engineering measures: Ensure adequate ventilation, especially in confined areas.

8.2. EXPOSURE CONTROLS

Special protective equipment



Eye/face protection: Tight sealing safety goggles.

Hand protection: Wear suitable gloves. Glove material: Compatible chemical-resistant gloves.

Other skin and body protection: Wear rubber apron. Wear rubber footwear.

Respiratory protection: In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. BASIC INFORMATION ON PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Powder.

Color: No data available.

Odor: No data available.

Relative density: No data available.

Solubility(ies): No data available

9.2. OTHER INFORMATION

Not determinated.



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10. STABILITY AND REACTIVITY

10.1. REACTIVITY

There are no known reactivity hazards associated with this product.

10.2. CHEMICAL STABILITY

Stable at normal room temperature and when used as recommended.

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

Not determined.

10.4. CONDITIONS TO AVOID

Not determined.

10.5. INCOMPATIBLE MATERIALS

Not determined.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

No data available.

11. TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

Inhalation: Conclusive but not sufficient for classification

Ingestion: Conclusive but not sufficient for classification

Skin contact: Conclusive but not sufficient for classification

Eye contact: Conclusive but not sufficient for classification

12. ECOLOGICAL INFORMATION

Ecotoxicity: The components of the product are not classified as hazardous to the environment. Large or frequent spills may have harmful effects on the environment.

12.1. TOXICITY

It is not considered toxic to fish.

12.2. PERSISTENCE AND DEGRADABILITY

There are no data on the degradability of this product.

12.3. BIOACCUMULATION POTENTIAL

No data on bioaccumulation.

12.4. MOBILITY IN THE SOIL

No data

12.5. PBT AND vPvBm ASSESSMENT RESULTS

This product does not contain substances classified as PBT or vPvB.

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12.6. OTHER ADVERSE EFFECTS

Not determined.

13. DISPOSAL CONSIDERATIONS

13.1. WASTE TREATMENT METHODS

General information: Waste should be treated as hazardous waste. Dispose of waste to an authorized landfill in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods: Dispose of waste to an authorized landfill in accordance with the requirements of the local Waste Disposal Authority.

14. TRANSPORT INFORMATION

14.1. UN-NUMBER

No information required.

14.2. UN PROPER SHIPPING NAME

No information required.

14.3. TRANSPORT HAZARD CLASS(ES)

No information required.

14.4. PACKAGING GROUP

No information required

14.5. ENVIRONMENTAL HAZARDS

No information required.

14.6. SPECIAL PRECAUTIONS FOR USER

No information required.

14.7. TRANSPORT IN BULK ACCORDING TO ANNEX II MARPOL73/78 AND THE IBC CODE

No information required.

15. REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

National Provisions: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU Legislation: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures (as amended).



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Guidance: CHIP for everyone HSG228. Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131.

Hazard Classification for water: WGK 2

15.2. CHEMICAL SAFETY ASSESSMENT

Any chemical safety assessment has been carried out.

16. OTHER INFORMATION

This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. Users should make independent decisions regarding completeness of the information based on all sources available.

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 regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

Canvax Reagents S.L. shall not be held liable for any damage resulting from handling or from contact with the above product. See our website for our terms and conditions of sales.

