Owi Agarose Molecular Grade - Low EEO

Safety data sheet

According to regulation (EC) Nº1907/2006

References: 258475 - 258475E

For RESEARCH USE ONLY

SECTION 1: PRODUCT

1.1 **Name of the substance or preparation**

AGAROSE

NºCAS: 9012-36-6

NºEINECS: 232-731-8

1.2 Use of the substance or preparation

Laboratory use for analysis and research.

SECTION 2: HAZARDS IDENTIFICATION

This material is not considered hazardous to health pursuant to Directive 67/548/CEE, but should only be used in association with suitable hygiene and safety practices.

SECTION 3: COMPOSITION/ INFORMATION ABOUT THE COMPONENTS

3.1 Substance:

Name of product: Owi Agarose Molecular Grade - Low EEO

Chemical composition: Linear polymer formed of repeating units of D-Galactose and 3,6 anhydro-L- Galactose with alternate 1,4 and 1,3 bonds.

Nº CAS: 9012-36-6

Nº EINECS: 232-731-8

SECTION 4: FIRST AID

Inhalation: Remove to fresh air. If there are problems, seek medical assistance

Skin contact: Wash with excess of water. If irritation is persistent, seek medical assistance.

Eye contact: Wash thoroughly with water for up to 15 minutes. If there is persistent irritation, seek medical assistance.

Ingestion: If there is abdominal discomfort, seek medical assistance.

SECTION 5 : FIRE-FIGHTING MEASURES

5.1 Appropriate methods of extinguishing

For fires concerning this material, do not enter or allow anyone to enter any enclosed area without proper breathing equipment.

To extinguish the fire, use water CO_2, etc.

Does not release dangerous substances upon burning.

5.2 Advice for fire-fighters

Special protection equipment: use respiratory protection.

OZYME SAS - 78210 SAINT-CYR-L'ECOLE - FRANCE
Tel. : +33 1 34 60 24 24 - www.ozyme.fr/info
Customer service - Order : commande@ozyme.fr
Technical support : tech@ozyme.fr

Dominique DUTSCHER SAS - 67170 BERNOLSHEIM - FRANCE
Tel. : +33 3 88 59 33 90 – www.dutscher.com
Customer service - Order : info@dutscher.com
Technical support : demandes_techniques@dutscher.com

5.3 Other information

All fire debris and the contamination extinction water should be disposed in agreement with the current regulation.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precaution

Avoid inhaling the powder. Use respiratory protection if there is a lot of dust.

6.2 Environmental precautions:

Do not let product enter drains.

6.3 Cleaning methods:

Take practical precautions to limit the amount of dust. Sweep up spilt powder.

6.4 Reference to other sections:

No hazardous decomposition products.

SECTION 7: HANDLING AND STORAGE

7.1 Handling

No special measures are required if the product is properly handled.
The product is not capable of causing fire or explosions.

7.2 Storage

Keep storage areas dry to protect product quality.
There is not limit of storing.
Keep containers tightly closed.

7.3 Specific uses

No information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limits

Contains no substances with occupational exposure limit values.

8.2 Exposure controls:

8.2.1. Workplace Exposure Controls

- Respiratory Protection: There is not significant risk. If there is an excessive accumulation of powder, use respiratory protection equipment.
- Hand Protection
- Eye Protection: Use appropriate eye protection; use goggles to prevent contact
- Skin Protection

8.2.2. Environmental Exposure Controls

According to our experience and to the information provided to us, the product does not have any harmful effect to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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Dominique DUTSCHER SAS - 67170 BERNOLSHEIM - FRANCE
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9.1 General Information

Appearance: Powder
Colour: White
Odor: odourless

9.2 Important information for health, safety and environment

pH: 5,5-8,0 in 1% solution

Boiling Point: Not applicable

Ignition Point: Not applicable

Flammability: Not applicable

Explosive Properties: Not applicable

Combustion Properties: Not applicable

Vapour Pressure: Not applicable

Relative Density: Not applicable

Water solubility: 5% maximum by weight

Coefficient of distribution n-octane/water: Not applicable

Viscosity: Not applicable

Vapour density: Not applicable

Evaporation rate: Not applicable

9.3 Other information

Density: approximately 0,5 gr/cm3

SECTION 10: STABILITY AND REACTIVITY

10.1 Thermal decomposition/ Conditions to be avoid

There is no risk if it is used for specified purpose.

10.2 Conditions to be avoid

No relevant data available.

10.3 Hazardous decomposition products:

In case of fire: look at chapter 5.

SECTION 11: TOXICOLOGICAL INFORMATION

Not hazardous, even at high levels, for inhalation, skin contact, skin absorption or ingestion. Not hazardous in contact with eyes but at high exposure may cause irritation.

According to our experience and to the information provided to us, the product does not have any harmful effects if it is used and handled as specified

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

Aquatic Toxicity: No information available.
Persistence and degradability: No information available.

12.2 Behaviour in ecological systems

Bioaccumulative potential: No information available.
Mobility in soil: No information available.

12.3 Other environment information

General indications: It is not hazardous for water.

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Results of PBT and mPmB assessment
PBT: Not applicable
mPmB: Not applicable

12.4 Other adverse effects
No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

No special requirements. It is the responsibility of the user to observe all laws, rules and regulations, whether local, regional or national.

SECTION 14: TRANSPORT INFORMATION

14.1 Road transport (ADR/RID)
Not considered a hazardous material.

14.2 Sea transport (IMDG)
Not considered a hazardous material.

14.3 Air transport (ICAO-TI / IATA-DGR)
Not considered a hazardous material.

SECTION 15: REGULATORY INFORMATION

A Chemical Safety Assessment has not been made.

SECTION 16: OTHER INFORMATION

This information is based on our present knowledge. Its objective is to describe the product from the point of view of Safety, and no warranty is made other than its characteristics. This information does not absolve the user if any circumstances from observing other Legislative, Regulatory and administrative requirements applying to the product, and to safety, hygiene and the well-being of the people in the workplace.

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OZYME SAS - 78210 SAINT-CYR-L'ECOLE - FRANCE
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Dominique DUTSCHER SAS - 67170 BERNOLSHEIM - FRANCE
Tel. : +33 3 88 59 33 90 – www.dutscher.com