



CYNOR LABORATORY

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## MATERIAL SAFETY DATA SHEET

Product Name	AGAROSE FOR ELECTROPHORESIS (L)
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### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name : AGAROSE FOR ELECTROPHORESIS (L)

Product code : A0089

Identification of the product: AGAROSE FOR ELECTROPHORESIS (L)

CAS No : 9012-36-6

#### 1.2 Relevant identified uses of the substance or mixture and uses advised

againstUse: Industrial. For professional use only.

#### 1.3 Details of the supplier of the safety data sheet

Company identification: CYNOR

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### 2. Hazards identification -DSD

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Classification according to Directive 67/548/EEC[DSD] or 1999/45/EC[DPD]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2 Label element

Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra labelling to displayExtra classification(s) to display

No labelling applicable

#### 2.3 Other hazards

No additional information available

### 3. Composition/information on ingredients

Substance / Preparation: AGAROSE FOR ELECTROPHORESIS (L)

CAS No :9012-36-6

Substance.

Contains no other components or impurities which will influence the classification of the product.

### 4. First aid measures

#### 4.1 Description of first aid measures

First-aid measures after inhalation : Allow affected person to breathe fresh air. First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Rinse immediately with plenty of water.

First-aid measures after ingestion : Rinse mouth.

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**4.2 Most important symptoms and effects, both acute and delayed**

No additional information available

**4.3 Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**5. Fire-fighting measures**

**5.1 Extinguishing media**

Suitable extinguishing media : Carbon dioxide. Dry powder. Foam. Water spray.

Unsuitable extinguishing media : Do not use extinguishing media containing water.

**5.2 Specific hazards arising from the substance or mixture**

No additional information available

**5.3 Advice for fire-fighters**

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

**6. Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel**

Emergency procedures : Evacuate unnecessary personnel.

**For emergency responders**

Protective equipment : Equip cleanup crew with proper protection.

**6.2 Environmental precautions**

Avoid release to the environment.

**6.3 Methods and material for containment and cleaning up**

Methods for cleaning up : On land, sweep or shovel into suitable containers. Soak upspills with inert solids, such as clay or diatomaceous earth as soon as possible.

**6.4 Reference to other sections**

No additional information available

**7. Handling and storage**

**7.1 Precautions for safe handling**

Precautions for safe handling : Avoid contact with skin and eyes. Avoid dust formation.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

**7.2 Conditions for safe storage, including any incompatibilities**

Storage conditions : Store in a well-ventilated place. Keep container tightly closed.

**7.3 Specific end use(s)**

No additional information available

**8. Exposure controls/personal protection**

**8.1 Control parameter**

No additional information available

**8.2 Exposure control**

Hand protection : protective gloves

Eye protection : Chemical goggles or safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : Wear respiratory protection.

## **9. Physical and chemical properties**

### **9.1Information on basic physical and chemical properties**

**Odour threshold** : No data available

**pH** : No data available

**Relative evaporation rate (butylacetate=1)** : No data available

**Melting point** : No data available

**Freezing point** : No data available

**Boiling point** : No data available

**Flash point** : No data available

**Auto-ignition temperature** : No data available

**Decomposition temperature** : No data available

**Flammability (solid, gas)** : No data available

**Vapour pressure** : No data available

**Relative vapour density at 20 °C** : No data available

**Relative density** : No data available

**Density** : 0.9 g/cm<sup>3</sup>

**Solubility** : Water: Slightly soluble in water

**Log Pow** : No data available

**Viscosity, kinematic** : No data available

**Viscosity, dynamic** : No data available

**Explosive properties** : No data available

**Oxidising properties** : No data available

**Explosive limits** : No data available

### **9.2Other information**

No additional information available

## **10. Stability and reactivity**

### **10.1Reactivity**

No additional information available

### **10.2Chemical stability**

Stable under normal conditions.

### **10.3Possibility of hazardous reactions**

No additional information available

### **10.4Conditions to avoid**

Direct sunlight. Moisture. Air contact.

### **10.5Incompatible materials**

No additional information available

### **10.6Hazardous decomposition products**

No additional information available

## **11. Toxicological information**

### **11.1 Information on toxicological effects**

**Acute toxicity** : Not classified

**Skin corrosion/irritation** : Not classified

**Serious eye damage/irritation** : Not classified

**Respiratory or skin sensitisation** : Not classified

Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified  
STOT-single exposure : Not classified  
STOT-repeated exposure : Not classified  
Aspiration hazard : Not classified

## **12. Ecological information**

### **12.1 Toxicity**

No additional information available

### **12.2 Persistence – degradability**

No additional information available

### **12.3 Bioaccumulative potential**

No additional information available

### **12.4 Mobility in soil**

No additional information available

### **12.5 Results of PBT and vPvB assessment**

No additional information available

### **12.6 Other adverse effects**

No additional information available

## **13. Disposal considerations**

### **13.1 Waste treatment methods**

No additional information available

## **14. Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

### **14.1UN number**

UN-No. (ADR) : Not applicable

UN-No. (IMDG) : Not applicable

UN-No.(IATA) : Not applicable

UN-No.(ADN) : Not applicable

UN-No. (RID) : Not applicable

### **14.2UN proper shipping name**

Proper Shipping Name (ADR) : Not applicable

Proper Shipping Name (IMDG) : Not applicable

Proper Shipping Name (IATA) : Not applicable

Proper Shipping Name (ADN) : Not applicable

Proper Shipping Name (RID) : Not applicable

### **14.3Transport hazard class(es)**

**ADR** : Transport hazard class(es) (ADR) : Not applicable

**IMDG** : Transport hazard class(es) (IMDG) : Not applicable

**IATA** : Transport hazard class(es) (IATA) : Not applicable

**ADN** : Transport hazard class(es) (ADN) : Not applicable

**RID** : Transport hazard class(es) (RID) : Not applicable

### **14.4Packing group**

Packing group (ADR) : Not applicable



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Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

#### 14.5 Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

#### 14.6 Special precautions for user

**Overland transport**-No data available

**Transport by sea**-No data available

**Air transport**-No data available

**Inland waterway transport**-No data available

**Rail transport**-No data available

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

### 15. Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

##### 15.1.1 EU-Regulations

No REACH Annex XVII restrictions

AGAROSE (L) FOR ELECTROPHORESIS is not on the REACH Candidate List

AGAROSE (L) FOR ELECTROPHORESIS is not on the REACH Annex XIV List

##### 15.1.2 National regulations

###### Germany

12th Ordinance Implementing the Federal

Immission Control Act - 12.BImSchV : Is not subject of the 12. BlmSchV (Hazardous Incident Ordinance)

###### Netherlands

SZW-lijst van kankerverwekkende stoffen : The substance is not listed

SZW-lijst van mutagene stoffen : The substance is not listed

NIET-limitatieve lijst van voor de

voortplanting giftige stoffen – Borstvoeding : The substance is not listed

NIET-limitatieve lijst van voor de

voortplanting giftige stoffen – Vruchtbareheid : The substance is not listed

NIET-limitatieve lijst van voor de

voortplanting giftige stoffen – Ontwikkeling : The substance is not listed

#### 15.2 Chemical safety assessment

No additional information available

### 16. Other information

**Abbreviations and acronyms** : PBT: persistent, bioaccumulative and toxic.vPvB: very persistent and very bioaccumulative

**Sources of key data used** : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and



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repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC)

No 1907/2006

**Further information :** None.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation(CE) N° 1272/2008

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**End of document**

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