

SAFETY DATA SHEET

according to Regulation (EG) no 1907/2006
 Generic EU MSDS – No country specific data
 REVISION DATE: 2014-03-19

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

1.1 Product identifier

Product name: Agarose low EEO
 Article number: 16-0027

1.2 Relevant identified uses of the substance or mixture, and uses advised against

Identified uses: Laboratory chemical used for DNA electrophoresis; for research use

1.3 Details of the supplier of the safety data sheet

Company: Medicago AB
 Danmark Berga 13
 755 98 Uppsala
 Telephone: +46 (0)18 56 11 80
 Facsimile: +46 (0)18 56 11 88
 E-mail address: info@medicago.se

1.4 Emergency telephone number

Emergency telephone number: Giftinformationscentralen 112

2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (EU-GHS/CLP)

Classified as not hazardous

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (EU-GHS/CLP)

Labelled as not hazardous

Signal word: -

Hazard statement(s): -

Precautionary statement(s): -

Complementary hazard information

No further information

2.3 Other hazards

No further information

3. Composition/information on ingredients

3.1 Substances

Substance	CAS-no.	EC-no.	Index-no.	Weight %	Classification according to constitution (EG) no 1272/2008 (CLP)
Agarose	9012-36-6	232-731-8	-	100%	Not classified

4. First aid measures

4.1 Description of first aid measures

If swallowed	rinse with plenty of water; get medical attention in case of complaints
If inhaled	move to fresh air; get medical attention in case of complaints
In case of skin contact	wash with water and soap; get medical attention if irritation persists
In case of eye contact	remove contact lenses if present and easy-to-do; wash with plenty of water for at least 15 min; get medical attention if irritation persists
General advice	show this data sheet to the doctor of attendance

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Use dry chemical powder; for large fire use water spray, fog or alcohol-resistant foam

5.2 Special hazards arising from the substance or mixture

In case of fire carbon monoxide or carbon dioxide can be released

5.3 Advice for fire fighters

Wear elf-contained breathing apparatus of firefighting if necessary

5.4 Further information

No further information

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear safety goggles, gloves, lab coat and boots; minimize contact with skin and eyes

6.2 Environmental precautions

Do not allow to enter sewer/surface or ground water

6.3 Methods and material for containment and cleaning up

Pick up mechanically; finish cleaning by spreading water on the contaminated surface

6.4 Reference to other sections

For disposal see section 13

7. Handling and storage

7.1 Precautions for safe handling

Prevent formation of dust; wash hands before and after use

7.2 Conditions for safe storage, including any incompatibilities

Store in dry conditions

7.3 Specific end use(s)

No data available

8. Exposure controls/personal protection

8.1 Control parameters

Not required

8.2 Exposure controls

Appropriate engineering controls

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne level below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to exposure to airborne contaminants below the exposure limit.

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Personal protective equipment**Eye/face protection:** use safety goggles**Skin protection:** use proper gloves to avoid skin contact; gloves must be inspected prior use**Body Protection:** use lab coat/ impervious clothing**Respiratory protection:** suitable respiratory protective device recommended**9. Physical and chemical properties****9.1 Information on basic physical and chemical properties****Information on basic physical and chemical properties**

Appearance	white powder
Odour	odourless
Odour threshold	no data available
pH	no data available
Melting point/ freezing point	88.3°C / no data available
Initial boiling point and boiling range	no data available
Flash point	no data available
Evaporation rate	no data available
Flammability (Solid, gas)	no data available
Upper/lower flammability or explosive limits	product does not present any explosion hazard
Vapour pressure	no data available
Vapour density	no data available
Relative density	ca. 0.5 g/cm ³ at 20°C
Water solubility	15g/l at 60°C
Partition coefficient: n-octanol/ water	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity	no data available
Explosive properties	no data available
Oxidizing properties	no data available

9.2 Other information

No further information

10. Stability and Reactivity**10.1 Reactivity**

No data available

10.2 Chemical stability

No data available

10.3 Possibility of hazardous reactions

No dangerous reactions known

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

No dangerous decomposition products known

11. Toxicological information**11.1 Information on toxicological effects****11.1.1 Substances****Acute toxicity**

No data available

Skin corrosion/irritation

No data available

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Serious eye damage/ eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

Specific target organ toxicity – single exposure

No data available

Specific target organ toxicity – repeated exposure

No data available

Aspiration hazard

No data available

Potential health effects

No data available

12. Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

13. Disposal considerations

13.1 Waste treatment methods

Waste must be disposed of in accordance with federal, state, and local environmental control regulations.

Contaminated packaging: Dispose as unused product

14. Transport information

14.1 UN-number

ADR-RID: -

IMDG: -

IATA: -

14.2 UN proper shipping name

ADR-RID:

no dangerous goods

IMDG:

no dangerous goods

IATA:

no dangerous goods

14.3 Transport hazard class(es)

ADR-RID: -

IMDG: -

IATA: -

14.4 Packaging group

ADR-RID: -

IMDG: -

IATA: -

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14.5 Environmental hazards

ADR-RID: no
IMDG, water pollutant: no
IATA: no

14.6 Special precautions for user

No data available

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data available

15. Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

No data available

15.2 Chemical safety assessment

No data available

16. Other information

This information is based on the current state of knowledge.

Precautions and Disclaimer: For laboratory use only; not for drug, household or other use