

Material Safety Datasheet

according to Regulation (EC) No.1907/2006

Revision Date: 01.09.2010

Print Date: 20.03.2014

GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA



1. Name of substance/preparation and company

Identification of the product

Catalogue Number: 604-001 and 604-005

Product Name: Agarose, Molecular Biology Grade

Manufacturer / Supplier identification

GeneON GmbH

Paracelsusstraße 10

DE-67071 Ludwigshafen

Tel: +49-621-5720864

Fax: +49-621-5724462

info@geneon.net

2. Composition/Information on constituents

Molecular formula: $(C_{14}H_{23}O_9)_n$

3. Hazards identification

Warnings: The usual precautions should be taken when handling chemicals

Notes: Substance slightly hazardous to water and ground water

4. First aid measures

After inhalation: **fresh air**

After skin contact: **wash off under running water**

After eye contact: rinse out with plenty of water. If pain persists, summon eye specialist.

Ingestion: **Seek medical advice**

Instruction for physician: **Symptomatic treatment by a physician.**

5. Fire-fighting measures

Suitable extinguishing media: **No restriction**

Thermal decomposition: **Dangerous decomposition is not anticipated**

6. Accidental release measures

After spillage: **Sweep up spilled substance carefully**

Geneon GmbH Germany

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E-Mail: <mailto:info@geneon.net> WEB: <http://www.GeneOn.net> Version: 10.2009 UK

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Absorbent material: **not necessary**

Damage limitation: **Special measures to limit damage are not necessary.**

7. Handling and storage

Handling:

No further requirements.

Storage: **Store at 22-25 °C.**

Do not store with: **no restriction**

8. Exposure controls/personal protection

Respiratory protection: **Filter against inert dust in case of contact with the substance**

Eye protection: **not required**

Hand protection: **use gloves**

Industrial hygiene:

Change contaminated clothing. Wash hands after working with substances.

9. Physical and chemical properties

Physical state: **solid**

Miscible with water: **no**

Flash point: **cannot be determined**

pH in solution (1.5%): 5.80

pH in Gel (1.5%): 5.80

Gelling Point (1.5%): 36.6°C.

Melting Point (1.5%): 87.8°C.

10. Stability and reactivity

Conditions to be avoided: **inhalation of the agarose powder**

Hazardous reactions: **none known when used appropriately.**

11. Toxicological information

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N/A	
12.	Ecological information
Hazards: Substance is slightly hazardous to water and ground water.	
13.	Disposal considerations
Waste disposal route: Can be sent to an incineration plant in accordance with local regulations.	
Disposal of emptied packs: Dispose of empty packs via local recycling or waste disposal routes – if necessary, clean them beforehand.	
14.	Transport information
No subject to transport regulations.	
15.	Regulatory
Product must not be labelled in accordance with EEC directive 67/548 and 88/379.	
16.	Other information
The information herein is believed to be correct as of the date hereof but is provided without warranty of any kind. The recipient of our product is responsible for ensuring that, where applicable, existing laws and guidelines are observed. Special permission has been granted in accordance with EU Directive 88/379, Article 9, which permit small packages of up to 125 ml or g containing materials that are harmful to health or irritant to be unlabelled with the hazard identification information given in the safety data sheet.	

This information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of properties of the product.