



# SAFETY DATA SHEET

according to WHS and ADG requirements

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## Agar, Bacteriological No. 1

Revision 2  
Revision date 2019-08-14

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

|              |                             |
|--------------|-----------------------------|
| Product name | Agar, Bacteriological No. 1 |
| CAS No.      | 9002-18-0                   |
| EC No.       | 232-658-1                   |
| Product code | NCM0214, 7178               |

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

|             |   |
|-------------|---|
| Product Use | [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PROC15] Use as laboratory reagent; |
|-------------|---|

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

|           |  |
|-----------|--|
| Company   | Neogen Corporation                           |
| Address   | 620 Leshler Place<br>Lansing MI 48912<br>USA |
| Web       | www.neogen.com                               |
| Telephone | 517-372-9200/800-234-5333                    |
| Email     | SDS@neogen.com                               |

#### Further information

|                  |   |
|------------------|---|
| Manufactured By: | Neogen Corporation<br>740 East Shiawassee<br>Lansing, MI 48912 U.S.A.<br><br>Neogen Corporation<br>1 Quest Park-Moss Hall Road<br>Heywood Lancashire BL97JJ UK. |
|------------------|---|

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

|                             |   |
|-----------------------------|---|
| 2.1.2. Classification - GHS | The product is classified as non hazardous. |
|-----------------------------|---|

#### 2.2. Label elements

|                  |  |
|------------------|--|
| Hazard Statement | P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P501 - Dispose of contents/container to an appropriate waste site or reclaim (in accordance with local/regional/national/international regulation). |
|                  | No Significant Hazard  |

#### 2.3. Other hazards

|               |  |
|---------------|--|
| Other hazards | This product is not identified as a PBT substance. |
|---------------|--|

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## SECTION 3: Composition/information on ingredients

### 3.1. Substances

No Significant Hazard.

### 3.2. Mixtures

Not applicable.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|              |  |
|--------------|--|
| Inhalation   | In case of accident by inhalation: remove casualty to fresh air and keep at rest.  |
| Eye contact  | Contact lenses should be removed. Rinse immediately with plenty of water for 15 minutes holding the eyelids open.              |
| Skin contact | After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.            |
| Ingestion    | Keep the affected person warm and at rest. DO NOT INDUCE VOMITING unless advised to do so by a doctor. Rinse mouth thoroughly. |

### 4.2. Most important symptoms and effects, both acute and delayed

|              |   |
|--------------|---|
| Inhalation   | May cause irritation to respiratory system. |
| Eye contact  | May cause irritation to eyes.               |
| Skin contact | May cause irritation to skin.               |
| Ingestion    | Ingestion may cause nausea and vomiting.    |

### 4.3. Indication of any immediate medical attention and special treatment needed

|              |  |
|--------------|--|
| Inhalation   | Seek medical attention if irritation or symptoms persist.                |
| Eye contact  | Seek medical attention if irritation or symptoms persist.                |
| Skin contact | Seek medical attention if irritation or symptoms persist.                |
| Ingestion    | If you feel unwell, seek medical advice (show the label where possible). |

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Use as appropriate: Carbon dioxide (CO<sub>2</sub>), Alcohol resistant foam, Powder.

### 5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

### 5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Wear suitable respiratory equipment when necessary. Wear suitable protective clothing, gloves and eye/face protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

No precautions required to be mentioned.

### 6.2. Environmental precautions

Do not empty into drains; dispose of this material and its container in a safe way.

### 6.3. Methods and material for containment and cleaning up

Avoid raising dust. Sweep up. Dispose of in compliance with all local and national regulations.

### 6.4. Reference to other sections

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## 6.4. Reference to other sections

See section 8 & 13 for further information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Do not eat, drink or smoke in areas where this product is used or stored. Wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Store at temperatures between 2 °C and 30 °C. Keep only in the original container. Keep container tightly closed and dry. Protect from moisture.

### 7.3. Specific end use(s)

See section 1.2 for further information.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects.

### 8.2. Exposure controls



#### 8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

#### 8.2.2. Individual protection measures

Not normally required. Use as appropriate:

##### Eye / face protection

safety glasses with side-shields.

##### Skin protection - Handprotection

Chemical resistant gloves.

##### Skin protection - Other

Wear suitable protective clothing.

##### Respiratory protection

Do not breathe dust. In case of insufficient ventilation, wear suitable respiratory equipment.

##### Thermal hazards

No data is available on this product.

#### 8.2.3. Environmental exposure controls

See section 7 for further information.

## SECTION 9: Physical and chemical properties

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

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## 9.1. Information on basic physical and chemical properties

|                                  |                   |
|----------------------------------|-------------------|
| <b>Appearance</b>                | Powder            |
| <b>Colour</b>                    | Beige             |
| <b>Odour</b>                     | Characteristic    |
| <b>Odour threshold</b>           | Not applicable.   |
| <b>pH</b>                        | 6 - 7.5           |
| <b>Melting point</b>             | No data available |
| <b>Freezing Point</b>            | No data available |
| <b>Initial boiling point</b>     | No data available |
| <b>Flash point</b>               | No data available |
| <b>Evaporation rate</b>          | No data available |
| <b>Flammability (solid, gas)</b> | No data available |
| <b>Vapour pressure</b>           | Not applicable.   |
| <b>Vapour density</b>            | Not applicable.   |
| <b>Relative density</b>          | No data available |
| <b>Fat Solubility</b>            | No data available |
| <b>Partition coefficient</b>     | No data available |
| <b>Autoignition temperature</b>  | No data available |
| <b>Viscosity</b>                 | No data available |
| <b>Explosive properties</b>      | No data available |
| <b>Oxidising properties</b>      | No data available |
| <b>Solubility</b>                | No data available |

## 9.2. Other information

|   |                   |
|---|-------------------|
| <b>Conductivity</b>                     | No data available |
| <b>Surface tension</b>                  | No data available |
| <b>Gas group</b>                        | Not applicable.   |
| <b>Benzene Content</b>                  | No data available |
| <b>Lead content</b>                     | No data available |
| <b>VOC (Volatile organic compounds)</b> | No data available |

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

|  |  |
|--|--|
|  | Stable under normal conditions. See section 7 for further information. |
|--|--|

## 10.2. Chemical stability

|  |   |
|--|---|
|  | Will not decompose if stored and used as recommended. |
|--|---|

## 10.3. Possibility of hazardous reactions

|  |  |
|--|--|
|  | No precautions required to be mentioned. |
|--|--|

## 10.4. Conditions to avoid

|  |  |
|--|--|
|  | No precautions required to be mentioned. |
|--|--|

## 10.5. Incompatible materials

|  |  |
|--|--|
|  | No precautions required to be mentioned. |
|--|--|

## 10.6. Hazardous decomposition products

|  |   |
|--|---|
|  | Carbon oxides, Organic materials may be formed in fire conditions. Fire will produce dense black smoke. |
|--|---|

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|                                   |  |
|-----------------------------------|--|
| Acute toxicity                    | No data is available on this product. See section 3 for further information.                   |
| Skin corrosion/irritation         | May cause irritation to skin. See section 3 for further information.                           |
| Serious eye damage/irritation     | May cause irritation to eyes. See section 3 for further information.                           |
| Respiratory or skin sensitisation | May cause sensitisation by inhalation and skin contact. See section 3 for further information. |
| Germ cell mutagenicity            | No data is available on this product.  |
| Carcinogenicity                   | No data is available on this product.  |
| Reproductive toxicity             | No data is available on this product.  |
| STOT-single exposure              | No data is available on this product.  |
| STOT-repeated exposure            | No data is available on this product.  |
| Aspiration hazard                 | No data is available on this product. See section 3 for further information.                   |
| Repeated or prolonged exposure    | No data is available on this product. See section 3 for further information.                   |

**11.1.2. Mixtures**

|  |  |
|--|--|
|  | See section 3 for further information. |
|--|--|

**11.1.3. Hazard Information**

|  |  |
|--|--|
|  | See section 3 for further information. |
|--|--|

**11.1.4. Toxicological Information**

|  |                                       |
|--|---------------------------------------|
|  | No data available                     |
|  | No data is available on this product. |

**11.1.7. Information on likely routes of exposure**

|  |                           |
|--|---------------------------|
|  | Skin contact. Inhalation. |
|--|---------------------------|

**11.1.8. Symptoms related to the physical, chemical and toxicological characteristics**

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

**11.1.9. Delayed and immediate effects as well as chronic effects from short and long-term exposure**

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

**11.1.10. Interactive effects**

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

**11.1.11. Absence of specific data**

|  |                    |
|--|--------------------|
|  | No data available. |
|--|--------------------|

**11.1.12. Mixture versus substance information**

|  |                 |
|--|-----------------|
|  | Not applicable. |
|--|-----------------|

**SECTION 12: Ecological information****12.1. Toxicity**

|  |                   |
|--|-------------------|
|  | No data available |
|--|-------------------|

**12.2. Persistence and degradability**

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

**12.3. Bioaccumulative potential**

|  |  |
|--|--|
|  |  |
|--|--|

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## 12.3. Bioaccumulative potential

No data is available on this product.

## Partition coefficient

Agar, Bacteriological No. 1 No data available

## 12.4. Mobility in soil

No data is available on this product.

## 12.5. Results of PBT and vPvB assessment

No data is available on this product.

## 12.6. Other adverse effects

No data available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations.

### Disposal methods

Contact a licensed waste disposal company. Do not flush into surface water. This material and its container must be disposed of in a safe way.

### Disposal of packaging

Empty containers can be sent for disposal or recycling. Containers can be recycled if in compliance with local and national regulations. Do NOT reuse empty containers.

## SECTION 14: Transport information

### 14.1. UN number

The product is not classified as dangerous for carriage.

### 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

### 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

### 14.4. Packing group

The product is not classified as dangerous for carriage.

### 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

### 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

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

The product is not classified as dangerous for carriage.

## SECTION 15: Regulatory information

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

Work Health Safety (WHS) Regulations.

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## 15.2. Chemical safety assessment

No data is available on this product.

## SECTION 16: Other information

## Other information

|          |  |
|----------|--|
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| Revision | <p>This document differs from the previous version in the following areas:.</p> <ul style="list-style-type: none"> <li>1 - EC No.</li> <li>1 - Hotline(s):.</li> <li>1 - Manufactured By:.</li> <li>3 - 3.1. Substances.</li> <li>3 - 3.2. Mixtures.</li> </ul>  |