



# SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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## Lysine Iron Agar

Revision 1  
Revision date 2018-09-04

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

#### 1.1. Product identifier

|              |                  |
|--------------|------------------|
| Product name | Lysine Iron Agar |
| Product code | NCM0140          |

#### 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     | regulatorysupport@neogen.com                 |

#### 1.4. Emergency telephone number

|                            |                |
|----------------------------|----------------|
| Emergency telephone number | 1-800-234-5333 |
|----------------------------|----------------|

#### 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. |
| Hotline(s):      | Medical: United States (1-800-498-5743), International (1-651-523-0318).<br>Spill/CHEMTREC: United States (1-800-424-9300), International (1-703-527-3887).     |

### SECTION 2: Hazards identification

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

|                                      |   |
|--------------------------------------|---|
| 2.1.2. Classification - EC 1272/2008 | The product is classified as non hazardous. |
|--------------------------------------|---|

#### 2.2. Label elements

|  |  |
|--|--|
|  | 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). |
|--|--|

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## 2.2. Label elements

|                  |                       |
|------------------|-----------------------|
| Hazard Statement | No Significant Hazard |
|------------------|-----------------------|

## 2.3. Other hazards

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

## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## EC 1272/2008

| Chemical Name           | Index No. | CAS No.   | EC No.    | REACH Registration Number | Conc. (%w/w) | Classification  |
|-------------------------|-----------|-----------|-----------|---------------------------|--------------|---|
| Ferric Ammonium Citrate |           | 1185-57-5 | 214-686-6 |                           | 1 - 10%      | Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335; |

|   |
|---|
| Full text for all Risk Phrases mentioned in this section are displayed in Section 16. |
|---|

## 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

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## 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

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. Store in 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.

#### 8.1.1. Exposure Limit Values

|                         |   |   |
|-------------------------|---|---|
| Ferric Ammonium Citrate | WEL 8-hr limit ppm:                         | WEL 8-hr limit mg/m3: 1                       |
|                         | WEL 15 min limit ppm:                       | WEL 15 min limit mg/m3:                       |
|                         | WEL 8-hr limit mg/m3 total inhalable dust:  | WEL 15 min limit mg/m3 total inhalable dust:  |
|                         | WEL 8-hr limit mg/m3 total respirable dust: | WEL 15 min limit mg/m3 total respirable dust: |

### 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.  |

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## 8.2. Exposure controls

|  |  |
|--|--|
| 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 | Avoid release to the environment. Refer to special instructions/Safety data sheets. See section 7 for further information. |

## SECTION 9: Physical and chemical properties

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

|                           |                   |
|---------------------------|-------------------|
| Appearance                | Powder            |
| Colour                    | Light grey        |
| Odour                     | Characteristic    |
| Odour threshold           | Not applicable.   |
| pH                        | 6.5 - 6.9         |
| Melting point             | No data available |
| Freezing Point            | No data available |
| Initial boiling point     | No data available |
| Flash point               | Not applicable.   |
| Evaporation rate          | No data available |
| Flammability (solid, gas) | Not applicable.   |
| Vapour pressure           | Not applicable.   |
| Vapour density            | Not applicable.   |
| Relative density          | No data available |
| Fat Solubility            | No data available |
| Partition coefficient     | No data available |
| Autoignition temperature  | Not applicable.   |
| Viscosity                 | No data available |
| Explosive properties      | Not applicable.   |
| Oxidising properties      | Not applicable.   |
| Solubility                | No data available |

### 9.2. Other information

|                                  |                   |
|----------------------------------|-------------------|
| Conductivity                     | No data available |
| Surface tension                  | No data available |
| Gas group                        | Not applicable.   |
| Benzene Content                  | No data available |
| Lead content                     | No data available |
| VOC (Volatile organic compounds) | 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. Stable under normal conditions. |
|--|--|

### 10.4. Conditions to avoid

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

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## 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. |
|--|---|

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                                   |  |
|-----------------------------------|--|
| 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. |

#### 11.1.5. Hazard Class

|  |                        |
|--|------------------------|
|  | No Significant Hazard. |
|--|------------------------|

#### 11.1.6. Classification Criteria

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

#### 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. |
|--|---------------------------------------|

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## 11.1.11. Absence of specific data

No data available.

## 11.1.12. Mixture versus substance information

Not applicable.

## 11.1.13. Other 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

No data is available on this product.

### Partition coefficient

**Lysine Iron Agar** 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.

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## 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

#### Regulations

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

### 15.2. Chemical safety assessment

No data is available on this product.

## SECTION 16: Other information

### Other information

#### Text of Hazard Statements in Section 3

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Skin Irrit. 2: H315 - Causes skin irritation.  
Eye Irrit. 2: H319 - Causes serious eye irritation.  
STOT SE 3: H335 - May cause respiratory irritation.