



# SAFETY DATA SHEET

according to 29 CFR 1910.1200 and GHS

Page 1/9

## Iron Sulphite Agar

Revision 2  
Revision date 2019-06-17

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

#### 1.1. Product identifier

Product name	Iron Sulphite Agar
Product code	NCM0221, LAB222

#### 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;
Description	Intended for laboratory use only.

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

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

#### 1.4. Emergency telephone number

Emergency telephone number	1-800-234-5333
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#### Further information

Manufactured By:	Neogen Corporation 740 East Shiawassee Lansing, MI 48912 U.S.A.
Hotline(s):	Neogen Corporation 1 Quest Park-Moss Hall Road Heywood Lancashire BL97JJ UK. Medical: United States (1-800-498-5743), International (1-651-523-0318). 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 - GHS	Resp. Sens. 1: H334;
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#### 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).

## Iron Sulphite Agar

Revision 2  
Revision date 2019-06-17

## 2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Precautionary Statement: Prevention	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P284 - [In case of inadequate ventilation] wear respiratory protection.
Precautionary Statement: Response	P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER/doctor/ .
Precautionary Statement: Disposal	P501 - Dispose of contents/container to an approved waste disposal facility in accordance with local and national regulations.

## 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

## 3.2. Mixtures

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Sodium sulfite		7757-83-7	231-821-4		1 - 10%	EUH031;
Ferric Citrate		3522-50-7	222-536-6		1 - 10%	
Sodium Thioglycolate		367-51-1	206-696-4		0 - 0.5%	Met. Corr. 1: H290; Acute Tox. 4: H302+H312; Resp. Sens. 1: H334;

## Description

	Concentrations listed are not product specifications.
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## Further information

	Full text of Hazard Statements listed in this Section is provided in Section 16.
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## 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. May cause sensitization by inhalation.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.

# Iron Sulphite Agar

Revision 2  
Revision date 2019-06-17

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

Ingestion	Ingestion may cause nausea and vomiting.
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## 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.
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### 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.
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## SECTION 6: Accidental release measures

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

	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid raising dust. Wear suitable respiratory equipment when necessary.
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### 6.2. Environmental precautions

	Do not empty into drains; dispose of this material and its container in a safe way.
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### 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.
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### 6.4. Reference to other sections

	See section 8 & 13 for further information.
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## 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.
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### 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.
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### 7.3. Specific end use(s)

	See section 1.2 for further information.
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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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


## Iron Sulphite Agar

Revision 2  
Revision date 2019-06-17

## Exposure Limit Values

Ferric Citrate	ACGIH TLV TWA: 1	ACGIH TLV STEL:
	Notations: Upper respiratory tract and skin irritation	OSHA PEL 8hr TWA ppm:
	OSHA PEL 8hr TWA mg m3: 1	Skin Designation:
	NIOSH REL 10hr TWA ppm:	NIOSH REL 10hr TWA mg m3: 1
	NIOSH REL 15 min ST ppm:	NIOSH REL 15 min ST mg m3:

## 8.2. Exposure controls

	
Appropriate engineering controls	Ensure adequate ventilation of the working area.
Individual protection measures	Use as appropriate:.
Eye / face protection	safety glasses with side-shields.
Skin protection - Hand protection	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

# Iron Sulphite Agar

Revision 2  
Revision date 2019-06-17

## 9.1. Information on basic physical and chemical properties

<b>State</b>	Powder
<b>Color</b>	Beige
<b>Odor</b>	Characteristic
<b>Oxidising properties</b>	Not applicable.
<b>Odour threshold</b>	Not applicable.
<b>pH</b>	6.9 - 7.3
<b>Melting point</b>	No data available
<b>Freezing Point</b>	No data available
<b>Boiling point</b>	No data available
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	No data available
<b>Flammability limits</b>	Not applicable.
<b>Vapor pressure</b>	Not applicable.
<b>Vapor 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>	Not applicable.
<b>Viscosity</b>	No data available
<b>Explosive properties</b>	Not applicable.
<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.
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### 10.2. Chemical stability

	Will not decompose if stored and used as recommended.
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### 10.3. Possibility of hazardous reactions

	No precautions required to be mentioned. Stable under normal conditions.
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### 10.4. Conditions to avoid

	No precautions required to be mentioned.
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### 10.5. Incompatible materials

	No precautions required to be mentioned.
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### 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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## Iron Sulphite Agar

Revision 2  
Revision date 2019-06-17**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

<b>Acute toxicity</b>	Based on available data, the classification criteria are not met. However, this product does contain substance(s) that are classified as hazardous. For more information, see Section 3.
<b>Skin corrosion/irritation</b>	May cause irritation to skin. See section 3 for further information.
<b>Serious eye damage/irritation</b>	May cause irritation to eyes. See section 3 for further information.
<b>Respiratory or skin sensitisation</b>	May cause allergic reactions in susceptible people. May cause sensitization by inhalation. See section 3 for further information.
<b>Germ cell mutagenicity</b>	No data is available on this product.
<b>Carcinogenicity</b>	Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-122. Not listed in the National Toxicology Program (NTP) 14th Report on Carcinogens. Not listed in the OSHA standard 1910.1003 Carcinogens.
<b>Reproductive toxicity</b>	No data is available on this product.
<b>STOT-single exposure</b>	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
<b>STOT-repeated exposure</b>	No data is available on this product.
<b>Aspiration hazard</b>	No data is available on this product. See section 3 for further information.
<b>Repeated or prolonged exposure</b>	Avoid prolonged or repeated exposure. See section 3 for further information.

**11.1.2. Mixtures**

	See section 3 for further information.
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**11.1.3. Hazard Information**

	See section 3 for further information.
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**11.1.4. Toxicological information**

	No data available
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**11.1.6. Classification Criteria**

	Not applicable.
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**11.1.7. Information on likely routes of exposure**

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

	No data is available on this product.
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**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.
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**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.
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**11.1.12. Mixture versus substance information**

	Not applicable.
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**11.1.13. Other information**

	Not applicable.
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**SECTION 12: Ecological information**

# Iron Sulphite Agar

Revision 2  
Revision date 2019-06-17

## 12.1. Toxicity

	No data available
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## 12.2. Persistence and degradability

	No data is available on this product.
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## 12.3. Bioaccumulative potential

	No data is available on this product.
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## Partition coefficient

	<b>Iron Sulphite Agar</b> No data available
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## 12.4. Mobility in soil

	No data is available on this product.
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## 12.5. Results of PBT and vPvB assessment

	No data is available on this product.
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## 12.6. Other adverse effects

	No data available.
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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

	Dispose of in compliance with all local and national regulations.
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### 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.
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### 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.
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## SECTION 14: Transport information

### 14.1. UN number

	The product is not classified as dangerous for carriage.
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### 14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
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### 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.
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### 14.5. Environmental hazards

	The product is not classified as dangerous for carriage.
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### 14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
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### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

# Iron Sulphite Agar

Revision 2  
Revision date 2019-06-17

## 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

<b>Regulations</b>	<p>Hazard Communication Standard: 29 Code of Federal Regulations 1910.1200: Occupational Safety and Health Standards: Z: Toxic and Hazardous Substances: Hazard Communication.</p> <p>All chemicals in this product are TSCA listed or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory. TSCA - United States Toxic Substances Control Act Section 8(b) Inventory.</p>
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### 15.2. Chemical safety assessment

No data is available on this product.

### Inventories

Ingredient	TSCA	MA	SARA313	CALPROP65	CWA307	CAA112	CWA311	SARA302	SARA304
Ferric Citrate	N	N	N	N	N	N	N	N	N

## SECTION 16: Other information

### Other information

<b>Revision</b>	<p>This document differs from the previous version in the following areas:</p> <ul style="list-style-type: none"> <li>1 - Description.</li> <li>1 - Manufactured By:.</li> <li>2 - 2.1.2. Classification - GHS.</li> <li>2 - Hazard pictograms.</li> <li>2 - Signal Word.</li> <li>2 - Precautionary Statement: Prevention.</li> <li>2 - Precautionary Statement: Response.</li> <li>2 - Precautionary Statement: Disposal.</li> <li>2 - 2.1.2. Classification - GHS.</li> <li>3 - Description.</li> <li>3 - Further information.</li> <li>4 - Inhalation.</li> <li>6 - 6.1. Personal precautions, protective equipment and emergency procedures.</li> <li>8 - Individual protection measures.</li> <li>11 - 11.1.4. Toxicological information.</li> <li>11 - Acute toxicity.</li> <li>11 - Respiratory or skin sensitisation.</li> <li>11 - Repeated or prolonged exposure.</li> <li>11 - Carcinogenicity.</li> <li>11 - STOT-single exposure.</li> <li>12 - 12.1. Toxicity.</li> <li>15 - Regulations.</li> <li>16 - Further information.</li> </ul>
<b>Text of Hazard Statements in Section 3</b>	<p>EUH031 - Contact with acids liberates toxic gas. Met. Corr. 1: H290 - May be corrosive to metals. Acute Tox. 4: H302+H312 - Harmful if swallowed or in contact with skin Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.</p>

### Further information

DISCLAIMER: The information and recommendations set forth herein ("Information") are presented



# Iron Sulphite Agar

Revision 2  
Revision date 2019-06-17

## Further information

in good faith and believed to be correct as of the date issued. No representation is made regarding the completeness or accuracy of the Information. Further, because of the many factors that affect the use of this product, the Information is supplied upon the condition that the person(s) receiving it will make their own determination regarding its suitability for their own unique purpose(s), prior to use.

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