

# OXFORD LAB FINE CHEM LLP

ISO 9001-2008 Certified Company

Regd Office: Unit no 12, 1st Floor,  
Neminath Industrial Estate No.6,  
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## MATERIAL SAFETY DATA SHEET

### Bismuth Sulphite Agar

#### Section 1: Chemical Product and Company Identification

##### Product Identifiers

**Product Name:** Bismuth Sulphite Agar

**Relevant identified uses of the substance or mixture and uses advised against**

**Identified Uses:**

Microbial Analysis and Research, In-vitro Diagnostic laboratories clinical and non-clinical specimens & Industrial analysis

**Brand :** OXFORD

##### Details Of The Supplier Of The Safety Data Sheet :

##### Company identification:

**OXFORD LAB FINE CHEM LLP**

**Unit. No. 12, 1st Floor, Neminath Industrial Estate No. 6,  
Navghar, Vasai (East). Palghar - 401 210.**

**Mumbai, Maharashtra, INDIA.**

**Tel: 91-250-2390989**

**Tel/Fax: 91-250-2390032**

#### SECTION 2: Hazards identification

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

Non hazardous substances

##### 2.2 Label elements

Non hazardous substances

**2.3 Other hazards:** Combustible dusts: May form combustible dust concentrations in air. Dust may be irritating if inhaled.

#### SECTION 3: Composition/information on ingredients

##### 3.1 Mixtures:

Contain Harmful / Irritant material

## SECTION 3: Composition/information on ingredients (Continued)

Chemical name	CAS No.	EC. NO.	Classification
Ferrous sulphate	7720-78-7	231-753-5	Acute Toxicity, skin irritant, eye irritant

## Section 4: First Aid Measures

### 4.1 Description of first aid measures

#### General advice

Consult physician with this safety data sheet

#### If inhaled

Move the person to fresh air; if person is unable to breath give artificial respiration and consult physician

#### Eye contact

Rinse immediately with plenty of water. Contact lenses should be removed. Seek medical attention if irritation or symptoms persist

#### In case of skin contact

Wash with soap and plenty of water in order to remove all contents from skin

#### If swallowed

Rinse mouth with water and consult physician.

### 4.2 Acute and delayed important symptoms and effects

Most important symptoms and effects, both acute and delayed

**Inhalation** : May cause irritation to respiratory system

**Eye contact** : May cause irritation to eyes

## Section 4: First Aid Measures (Continued)

**Skin contact** : May cause irritation to skin

**Ingestion** : Ingestion may cause nausea and vomiting

### 4.3 Indication of any specific or immediate medical treatment needed

Remove the affected person from the source of contamination immediately. Transfer to hospital if there are burns or symptoms of poisoning. Seek medical attention if irritation or symptoms persist. If medical advice is needed, have product container or label at hand.

## Section 5: Fire and Explosion Data

### 5.1 Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide/Use extinguishing media appropriate to the surrounding fire conditions

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

Combustible dusts: May form combustible dust concentrations in air. Avoid formation of dust. Do not allow undiluted product to be released to ground water, water course or sewage system.

### 5.3 Advice for fire fighters

Wear self-contained breathing apparatus for firefighting if necessary. Do not breathe dust or vapor. Wear suitable respiratory equipment when necessary.

### 5.4 Further information

No data available.

## Section 6: Accidental Release Measures

6.1 Personal protective equipment and emergency procedures Use personal protective equipment as per the local authority or the firm. Avoid dust formation and breathing dust. Avoid breathing vapours, mist or gas. Ensure adequate ventilation in area of work. For personal protection see section 8.

### 6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up Pick up and arrange disposal without creating dust.

## Section 6: Accidental Release Measures (Continued)

Sweep up and shovel. Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For disposal see section 13.

## Section 7: Handling and Storage

7.1 Precautions for safe handling Provide appropriate exhaust ventilation at places where dust is formed.

Normal measures for preventive fire protection. For precautions see section 2.2. & 6.1

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

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Hygroscopic, Moisture sensitive.

### 7.3 Specific end use(s) Apart from the uses mentioned in section 1.2

No other specific uses are stipulated

## Section 8: Exposure Controls/Personal Protection

### 8.1 Control parameters

Components with workplace control parameters and regulations.

### 8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### Personal protective equipment

#### Eye/face protection

Triple layered Surgical Face mask and Safety glasses with side-shields.

#### Skin protection

Use of proper gowning/ aprons, Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product in accordance with good laboratory practices.

## Section 8: Exposure Controls/Personal Protection (Continued)

### Body Protection

Choose body protection in relation to its type, to the concentration and number of dangerous substances, and to the specific work-place

### Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts is desired, use triple layered surgical type or type P1

### Control of environmental exposure

Do not let product enter drains.

### Other information

Stomach pains, vomiting, diarrhoea. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals

## Section 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Appearance	: Form: powder Colour: Light beige
pH	: 7.7 ±0.2 at 25°C
Melting point/freezing point	: No data available
Initial boiling point and boiling range	: No data available : 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	: No data available
Vapour pressure	: No data available
Relative density	: No data available
Water solubility	: No data available
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available

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## Section 10: Stability and Reactivity Data

**10.1 Reactivity** : No data available

**10.2 Chemical stability**: Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions** : No data available

**10.4 Conditions to avoid**: No data available

**10.5 Incompatible materials** : Strong oxidizing agents

**10.6 Hazardous decomposition products** **Hazardous decomposition products formed under fire conditions.**

Nature of decomposition products not known. Hazardous decomposition products formed under fire conditions. - Carbon oxides, Hydrogen chloride gas, Sodium oxides Other decomposition products - No data available In the event of fire: see section 5

## Section 11: Toxicological Information

**11.1 Information on toxicological effects**

**Acute toxicity**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

## Section 11: Toxicological Information (Continued)

### Carcinogenicity

#### IARC:

No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

### 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

### Additional Information RTECS

Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly

## Section 12: Ecological Information

12.1 Toxicity: No data available

12.2 Persistence and degradability: No data available

12.3 Bio-accumulative potential: No data available

12.4 Mobility in soil: No data available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects: No data available

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## Section 13: Disposal Considerations

### 13.1 Waste treatment methods

**Product** Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

**OR**

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**Contaminated packaging:** Dispose of as unused product.

## Section 14: Transport Information

**Type of Material:** Not dangerous goods

**Special precautions for user:** No data available

**Environmental hazards:** No

## Section 15: Other Regulatory Information

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

**International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors:** Neither Banned nor Restricted

**REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII):** Neither Banned nor Restricted

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## Section 15: Other Regulatory Information (Continued)

**Listed substance / Sunset Date:** After the sunset date the use of this substance requires either an authorization or can only be used for exempted uses, e.g. use in scientific research and development which includes routine analytics or use as intermediate.

**15.2 Chemical safety assessment:** For this product a chemical safety assessment was not carried out

## Section 16 - Additional Information

**References:** Not available.

**Other Special Considerations:** Not available.

### *Disclaimer:*

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