

**Material Safety Data sheet****Section 1: Product and Company Information**

<b>Product Name</b>	Sulfite Iron Agar Base		
<b>Catalogue Number</b>	i23276	<b>Technical Phone</b>	0098 21 66787291
<b>E-mail</b>	ibresco@gmail.com	<b>Fax No</b>	09391003565
<b>Company Address</b>	Zist Kavosh Iranian, No.432, East Kokab Av,45 Metri Golshahr, Karaj, Iran.		

**Section 2: Hazards Identification****Classification of the substance or mixture**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

**Label elements**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

**Other hazards**

This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

**Section 3: Composition / Information on Ingredients**

**Mixture** No components need to be disclosed according to the applicable regulations.

**Section 4: First Aid Measures****Description of first-aid measures**

<b>If inhaled</b>	After inhalation: fresh air.
<b>In case of skin contact</b>	In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.
<b>In case of eye contact</b>	After eye contact: rinse out with plenty of water. Remove contact lenses.
<b>If swallowed</b>	After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

**Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

**Indication of any immediate medical attention and special treatment needed**

No data available

**Section 5: Fire Fighting Measures****Extinguishing media****Suitable extinguishing media**

Water Foam Carbon dioxide (CO<sub>2</sub>) Dry powder.

**Unsuitable extinguishing media**

For this substance/mixture no limitations of extinguishing agents are given.

---

**Special hazards arising from the substance or mixture**

Carbon oxides

Sulfur oxides

Sodium oxides

Mixture with combustible ingredients.

Development of hazardous combustion gases or vapors possible in the event of fire.

---

**Advice for firefighters**

In the event of fire, wear self-contained breathing apparatus.

---

**Further information**

Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

---

---

**Section 6: Accidental Release Measures**

---

**Personal precautions, protective equipment and emergency procedures**

Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert.

For personal protection see section 8.

---

**Environmental precautions**

Do not let product enter drains.

---

**Methods and materials for containment and cleaning up**

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10).

Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

---

**Reference to other sections**

For disposal see section 13.

---

---

**Section 7: Handling and Storage**

---

**Precautions for safe handling**

For precautions see section 2.

---

**Conditions for safe storage, including any incompatibilities**

<b>Storage conditions</b>	Tightly closed. Dry. Recommended storage temperature see product label.
<b>Storage class</b>	Storage class (TRGS 510): 11: Combustible Solids

---

---

**Section 8: Exposure Controls / Personal Protection**

---

**Control parameters**

---

**Exposure controls****Personal protective equipment****Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses.

**Skin protection**

Full contact

Material: Nitrile rubber

Minimum layer thickness: 0,11 mm

Break through time: > 480 min

Material tested: KCL 741 Dermatril® L

Splash contact

Material: Nitrile rubber

Minimum layer thickness: 0,11 mm

Break through time: > 480 min

---

Material tested: KCL 741 Dermatril® L

### Respiratory protection

required when dusts are generated.

Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.

Recommended Filter type: Filter type P1

The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

### Control of environmental exposure

Do not let product enter drains.

## Section 9: Physical and Chemical Properties

Physical state	solid
Color	yellow to green
Odor	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Flash point	No data available
Vapor pressure	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
pH	6,7 - 7,1
Viscosity	Viscosity, kinematic: No data available Viscosity, dynamic: No data available
Water solubility	No data available
Partition coefficient: n-octanol/water	No data available
Density	No data available
Relative density	No data available
Relative vapor density	No data available
Particle characteristics	No data available
Explosive properties	Not classified as explosive.
Oxidizing properties	none
<b>Other safety information</b>	No data available

## Section 10: Stability and Reactivity

### Reactivity

The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

### Chemical stability

The product is chemically stable under standard ambient conditions (room temperature).

---

**Possibility of hazardous reactions**

No data available

---

**Conditions to avoid**

No data available

---

**Incompatible materials**

No data available

---

**Hazardous decomposition products**

In the event of fire: see section 5

---

**Section 11: Toxicological Information**

---

**Information on toxicological effects****Mixture**

	Oral: No data available
<b>Acute toxicity</b>	Inhalation: No data available Dermal: No data available
<b>Skin corrosion/irritation</b>	No data available
<b>Serious eye damage/eye irritation</b>	No data available
<b>Respiratory or skin sensitization</b>	No data available
<b>Germ cell mutagenicity</b>	No data available
<b>Carcinogenicity</b>	No data available
<b>Reproductive toxicity</b>	No data available
<b>Specific target organ toxicity - single exposure</b>	No data available
<b>Specific target organ toxicity - repeated exposure</b>	No data available
<b>Aspiration hazard</b>	No data available

**Additional Information****Endocrine disrupting properties****Product**

Assessment

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.

---

**Section 12: Ecological Information**

---

**Toxicity**

**Mixture** No data available

**Persistence and degradability** No data available

**Bio accumulative potential** No data available

**Mobility in soil** No data available

**Results of PBT and vPvB assessment** This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

<b>Endocrine disrupting properties</b> <b>Product</b> Assessment	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
<b>Other adverse effects</b>	No data available

### Section 13: Disposal Consideration

<b>Waste treatment methods</b> <b>Product</b>	Offer surplus and non- recyclable solutions to a licensed company. Contact a licensed professional waste disposal service to dispose of this material
<b>Contaminated packaging</b>	Dispose of as unused product.

### Section 14: Transport Information

<b>UN number</b>	ADR/RID: - IMDG: - IATA: -
<b>UN proper shipping name</b>	ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods
<b>Transport hazard class(es)</b>	ADR/RID: - IMDG: - IATA: -
<b>Packaging group</b>	ADR/RID: - IMDG: - IATA: -
<b>Environmental hazards</b>	ADR/RID: no IMDG Marine pollutant: no IATA: no
<b>Special precautions for user</b> <b>Further information</b>	Not classified as dangerous in the meaning of transport regulations.

### Section 15: Regulatory Information

<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.
<b>Chemical Safety Assessment</b>	For this product a chemical safety assessment was not carried out

### Section 16: Other Information

#### **DISCLAIMER**

For R&D use only. Not for drug, household or other uses.

#### **WARRANTY**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. *ibresco* shall not be held liable for any damage resulting from handling or from contact with the above product.

The 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 any properties of the product.