

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

<b>Product Name</b>	Eugon Broth		
<b>Catalogue Number</b>	i23337	<b>Technical Phone</b>	0098 21 66787291
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<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**

**Classification - GHS** The product is classified as non hazardous.

**Hazard Statements** 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

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

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

<b>Chemical Name</b>	Sodium sulfite
<b>Index No</b>	-
<b>CAS No</b>	7757-83-7
<b>EC No</b>	231-821-4
<b>REACH Registration Number</b>	-
<b>Conc. (%w/w)</b>	0.5 - 1%
<b>Classification</b>	EUH031

**Section 4: 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.

**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.

**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: Fire Fighting Measures**

**Extinguishing media**

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

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

Burning produces irritating, toxic and obnoxious fumes.

**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**

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

No precautions required to be mentioned.

**Environmental precautions**

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

**Methods and material for containment and cleaning up**

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

## Reference to other sections

See section 8 & 13 for further information

### Section 7: Handling and Storage

<b>Handling</b>	Observe label precautions. Change contaminated clothing. Wash hands after working with substance.
<b>Storage</b>	Tightly closed. Dry. Requirements to be met by storerooms and receptacles: 2 - 30°C.
<b>Other Precautions</b>	No special measures required.

### Section 8: Exposure Controls / PPE

<b>Control parameters</b>	Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects.
<b>Appropriate engineering controls</b>	Ensure adequate ventilation of the working area.
<b>Individual protection measures</b>	Not normally required. Use as appropriate:.
<b>Eye / face protection</b>	safety glasses with side-shields.
<b>Skin protection - Hand protection</b>	Chemical resistant gloves.
<b>Skin protection - Other</b>	Wear suitable protective clothing.
<b>Respiratory protection</b>	Do not breathe dust. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Thermal hazards</b>	No data is available on this product.
<b>Environmental exposure controls</b>	Avoid release to the environment. Refer to special instructions/Safety data sheets. See section 7 for further information.

### Section 9: Physical and Chemical Properties

#### Information on basic physical and chemical properties

<b>State</b>	Powder
<b>Color</b>	Beige
<b>Odor</b>	Characteristic
<b>Explosive properties</b>	Not applicable.
<b>Oxidising properties</b>	Not applicable.
<b>Odour threshold</b>	Not applicable.
<b>pH</b>	6.8 - 7.2
<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>Solubility</b>	Soluble in water
<b>Other information</b>	
<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

### **Reactivity**

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

### **Chemical stability**

Will not decompose if stored and used as recommended.

### **Possibility of hazardous reactions**

No precautions required to be mentioned. Stable under normal conditions.

### **Conditions to avoid**

No precautions required to be mentioned.

### **Incompatible materials**

No precautions required to be mentioned.

### **Hazardous decomposition products**

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

## Section 11: Toxicological Information

### Information on toxicological effects

<b>Acute toxicity</b>	No data is available on this product. See section 3 for further information.
<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 Sensitization</b>	May cause sensitization by inhalation and skin contact. See section 3 for further information.
<b>Germ cell mutagenicity</b>	No data is available on this product.
<b>Carcinogenicity</b>	No data is available on this product.
<b>Reproductive toxicity</b>	No data is available on this product.
<b>STOT-single exposure</b>	No data is available on this product.
<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>	No data is available on this product. See section 3 for further information.
<b>Mixtures</b>	See section 3 for further information.
<b>Hazard Information</b>	See section 3 for further information.
<b>Toxicological information</b>	No data available No data is available on this product.
<b>Hazard Class</b>	No Significant Hazard.
<b>Classification Criteria</b>	Not applicable.

### Information on likely routes of exposure

Skin contact. Inhalation.

### Symptoms related to the physical, chemical and toxicological characteristics

No data is available on this product.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data is available on this product.

### Interactive effects

No data is available on this product.

### Absence of specific data

No data available.

### Mixture versus substance information

Not applicable.

**Other information**

Not applicable.

**Section 12: Ecological Information****Toxicity**

No data available

**Persistence and degradability**

No data is available on this product.

**Bioaccumulative potential**

No data is available on this product.

**Partition coefficient**

Eugon Broth No data available

**Mobility in soil**

No data is available on this product.

**Results of PBT and vPvB assessment**

No data is available on this product.

**Other adverse effects**

No data available.

**Section 13: Disposal Consideration****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**

**UN number**

The product is not classified as dangerous for carriage.

**UN proper shipping name**

The product is not classified as dangerous for carriage.

**Transport hazard class(es)**

The product is not classified as dangerous for carriage.

**Packing group**

The product is not classified as dangerous for carriage.

**Environmental hazards**

The product is not classified as dangerous for carriage.

**Special precautions for user**

The product is not classified as dangerous for carriage.

**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****Safety, health and environmental regulations/legislation specific for the substance or mixture****Regulations**

Hazard Communication Standard: 29 Code of Federal Regulations 1910.1200: Occupational

Safety and Health Standards: Z: Toxic and Hazardous Substances: Hazard Communication.

**Chemical safety assessment**

No data is available on this product.

**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.

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