

Material Safety Data sheet

Section 1: Product and Company Information

Product Name	OF Glucose Medium		
Catalogue Number	i23891	Technical Phone	0098 21 66787291
E-mail	ibresco@gmail.com	Fax No	09391003565
Company Address	Zist Kavosh Iranian, No.432, East Kokab Av,45 Metri Golshahr, Karaj, Iran.		

Section 2: Hazards Identification

Classification of the substance or mixture

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

Label elements
Hazard Statement 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

Substances Not applicable.

Mixtures No Significant Hazard.

Section 4: First Aid Measures

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.

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 ₂), 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

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.
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.
Specific end use(s)	See section 1.2 for further information.

Section 8: Exposure Controls / PPE

Control parameters	Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects.
Exposure controls	
Appropriate engineering controls	Ensure adequate ventilation of the working area.
Individual protection measures	
Not normally required. 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.
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

Information on basic physical and chemical properties

Appearance	Powder
Color	Beige
Oduor	Characteristic
Oduor threshold	Not applicable.
pH	6.6 - 7
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.
Vapor pressure	Not applicable.
Vapor 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.
Oxidizing properties	Not applicable.
Solubility	Soluble in water
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

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	
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 sensitization	May cause sensitization 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.
Mixtures	See section 3 for further information.
Hazard Information	See section 3 for further information.
Toxicological Information	No data available No data is available on this product.
Hazard Class	No Significant Hazard.
Classification Criteria	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.
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.
Bio accumulative potential	No data is available on this product.
Partition coefficient	Glucose OF Medium 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	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, Authorization and Restriction of Chemicals (REACH).
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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