
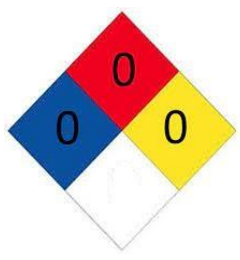


Safety Data Sheets (SDS)	Number:051402006/01	 <small>گروه صنعتی پژوهشی و تحقیقاتی زارنام (سولاسی نام)</small> <small>FARHIKHTEGAN ZARNAM RESEARCH & INDUSTRIAL GROUP</small>	181402002/00
Scope: Farhikhtegan Zarnam Industrial and Research Group	Date:26/02/2023		

1- Product and Company Identification

Trade Name	Liquid Glucose
Company name and address	Zar grain refinery, Hashtgerd city, Karaj-Qazvin freeway, Alborz, Iran
Phone	026-43212000
Fax	026-43212027
Email	info@zarfructose.com

2- Hazards Identification


Corrosive	Health hazard	Flammable	Toxic	Hazard diamond
-	-	-	-	
Oxidizing	Explosive	Environmental hazard	Harmful	Compressed Gas
-	-	-	-	-


Eye Contact	May cause slight irritation
Skin Contact	May cause slight skin irritation
Ingestion	Health injuries are not known or expected under normal use
Inhalation	-
Risk of Fire	Nonflammable
Risk of Explosion	-
Environmental hazard	-

3- Composition / Information on Ingredients


Chemical Name	Synonyms	(CAS) Number and other Unique Identifiers	Chemical Formula	Percent
Glucose Syrup	Liquid Glucose	8029-43-4	-	-

4- First Aid Measures

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Eye Contact	Remove the contact lenses. immediately rinse with a large amount of water for at least 15 minutes. Use cold water. If eye irritation persists, see a doctor.	
Skin Contact	Wash with soap and water. Cover the irritated part of the skin with a skin softening cream. If skin irritation persists, seek medical attention. Use cold water.	
Inhalation	No danger is expected. In an abnormal condition, move to the fresh air. If breathing is stopped, give artificial respiration to the victim. If breathing is difficult, give oxygen to the person. See a doctor.	
Ingestion	In case of overdose or allergy to this substance, do not force the person to vomit. Do not give the injured person anything other than the doctor's diagnosis. If the person is unconscious, do not give them anything. Remove ties, vests, necklaces, belts, etc. See a doctor if there are symptoms.	
Medical Information	-	


5- Fire Fighting Measures

Extinguishing Media	-	
Special Hazards Arising from the Chemical	-	
Special Protective Equipment and Precautions For Fire Fighters	-	
Other Information	-	

6- Accidental Release Measures


Small Spill	Appropriate equipment is used to collect materials. At the end, you can wash the surface with water and dispose of the collected materials according to local laws and regulations.
Large Spill	Appropriate equipment is used to collect materials. At the end, you can wash the surface with water and dispose of the collected materials according to local laws and regulations.


7- Handling and Storage

Precautions For Safe Handling:	-	
Storage:	Store in closed containers.	

8- Exposure Controls/Personal Protection

Skin Protection	-	
Eye Protection	-	
Body Protection	-	

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Respiratory Protection	-	
Appropriate Engineering Controls	-	
Exposure Limits	-	

9- Physical and Chemical Properties


Appearance	-
Physical State	Liquid
Color	Colorless
Odor	Odorless
Solubility	Soluble in water
Density	1400 kg/m³
Auto-ignition Temperature	-
Flash point	-
Melting Point	-
Boiling Point	-
Vapor pressure	-
Viscosity	-
Molecular Weight	-
PH	4/5-5/5
Other Information	-

10- Stability and Reactivity

Stability	Stable at ambient temperature
Conditions to Avoid	-
Incompatible Materials	-
Possibility of Hazardous Reactions	-
Other Information	-


11- Toxicological Information

Possible exposure routes	Eyes	-	
	Skin	-	
	Inhalation	-	
	Ingestion	-	

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Acute and Chronic Toxicity	-	
Other Toxicity Information	-	

12- Ecological Information

Eco toxicity	Avoid uncontrolled release to the environment	
Persistence and degradability	-	
Bioaccumulation potential	-	
Mobility in soil	-	
Other adverse effects	-	

13- Disposal Considerations

Waste	Dispose of unused content, in accordance with national and local regulations.
Product Containers	Discard the unused container, in accordance with national and local regulations. Be sure to use duly authorized waste management companies, if applicable.

14- Transport Information

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15- Regulatory information

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16- Other information

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