

Safety Data Sheets (SDS)	Number:	 Shirin Sehat Partikan
Scope: <u>Safety Data Sheet Isomalt</u>	Date: 2025/11/12	

1-Product and Company Identification

Chemical Name	Isomalt
Company Name	Shirinsalamat Partikan
Address	Food Phase – Next to the water source, Khomeini Shahr Industrial Park, Isfahan, Iran.
Phone	+983136627983
Fax	-
Website	https://shirinsalamat.com

2-Hazards Identification

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

Emergency Overview	Product is a white powder solid. May cause slight eye irritation.
Hazard Statements	May cause slight eye irritation.
Eye Contact	Significant irritation would not be expected upon contact with the eyes.
Skin Contact	No skin irritation can be expected from single short-term exposure to this product. Prolonged or repeated contact may produce some irritation.
Ingestion	Ingestion of small amounts would not be expected to produce toxicity. However, ingestion of large amounts may produce gastrointestinal disturbances.
Inhalation	Inhalation of vapors from this product would not be expected to produce adverse effects.
Risk of Fire	Nonflammable
Risk of Explosion	-
Environmental hazard	-

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3-Composition / Information on Ingredients

Chemical Name	Chemical Formula	Component	(CAS) Number and other Unique Identifiers	Percent
Isomalt	C12H24O11	64519-82-0	Assay (on dry basis)	≥98.5%
		7732-18-5	Water	≤7%

4-First Aid Measures

Eye Contact	Immediately flush eyes with sufficient amount of water. Seek medical attention if irritation persists.	
Skin Contact	For skin contact, wash with soap and water. If irritation develops or persists, seek medical attention.	
Inhalation	If material is swallowed in large amounts, get medical attention. Do not induce vomiting unless directed to do so by medical personnel.	
Ingestion	If respiratory irritation occurs upon inhalation, remove to fresh air. Seek medical attention if symptoms develop or persist.	

5-Fire Fighting Measures

Extinguishing Media	Use media suitable for surrounding fire.	
Special Hazards Arising from the Chemical	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.	
Special Protective Equipment and Precautions For Fire Fighters	Firefighters should wear full protective clothing including self-contained breathing apparatus.	
Other Information	Product is a powder solid, which will not burn.	

6-Accidental Release Measures

Small Spill	Contain the discharged material.
Large Spill	Wear appropriate protective equipment and clothing during clean up. Absorb spilled material with inert absorbent material.

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7-Handling and Storage

Precautions For Safe Handling	Avoid prolonged or repeated skin contact with this material. Avoid getting this material into contact with your eyes. Wash thoroughly after handling.	
Storage	Keep container tightly closed and store at room temperature.	

8-Exposure Controls/Personal Protection

Skin Protection	Wear impervious gloves for prolonged contact.	
Eye Protection	Wear appropriate eye protection.	
Body Protection	Use good industrial hygiene practices in handling this material.	
Respiratory Protection	If ventilation is not sufficient to effectively remove and prevent buildup of vapors or mists, appropriate NIOSH approved respiratory protection should be provided.	
Appropriate Engineering Controls	Ventilation should be sufficient to remove and prevent buildup of vapors or mists generated.	
Exposure Limits	ACGIN, OSHA, and NIOSH have not developed exposure limits for any of this product's components.	

9-Physical and Chemical Properties

Appearance	powder
Physical State	solid
Color	white
Odor	None
Solubility (H₂O)	Soluble
Vapor Density	Not available
Auto-ignition Temperature	-
Flash point	-
Melting Point	148°C-151°C
Boiling Point	Not available
Vapor pressure	Not available

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Viscosity	Not available
Molecular Weight	344.31
PH (40% solution)	4-7
Other Information	-

10-Stability and Reactivity

Stability	Stable
Conditions to Avoid	None
Incompatible Materials	This product may react with oxidizing agents.
Possibility of Hazardous Reactions	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
Other Information	Hazardous polymerization will not occur.

11-Toxicological Information

Possible exposure routes	Eyes	-	
	Skin	-	
	Inhalation	-	
	Ingestion	-	
Acute and Chronic Toxicity	-		
Other Toxicity Information	-		

12-Ecological Information

Eco toxicity	-	
Persistence and degradability	-	
Bioaccumulation potential	-	
Mobility in soil	-	
Other adverse effects	-	

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13-Disposal Considerations

13.1 US EPA Waste Number & Descriptions:

A: General Product Information:

Empty container retains product residue. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Empty container, remove all product residue. Puncture or otherwise destroy empty container before disposal

B: Component Waste Numbers:

No EPA Waste numbers are applicable for this product's components.

13.2 Disposal Instructions:

All wastes must be handled in accordance with local, state and federal regulation.

14-Transport Information

14.1 US DOT Information:

Shipping Name: Not regulated Hazard Class: Not regulated UN/NA#: None

Packing Group: None Required Label (s): None Additional Info. None

14.2 International Transportation Regulations:

Not regulated as dangerous goods.



15-Regulatory information

15.1 US Federal Regulations

A: General Product Information

No information available

B: Component Analysis

None of this products components are listed under SARA Section 302(40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

15.2 State Regulations

A: General Product Information

No information available

B: Component Analysis - State

None of this products component are listed on the state lists from CA, FL, MA, MN, NJ, or PA.

15.3 Other Regulations

A: General Product Information

All ingredients are not confirmed on the TSCA Chemical Substance Inventory.

B: Component Analysis - Inventory

Component	CAS	TSCA	DSL	EINECS
Assay	64519-82-0	Yes	Yes	Yes

C: Component Analysis – WHMIS IDL

No components are listed in the WHMIS IDL



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16-Other information

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