

# Material Safety Data Sheet

Maltitol

1. Product Identification Chemical Name: Aqueous hydrogenated starch hydrolyzed solution  
CAS No.: 585-88-6

## 2. Composition/Information on Ingredients

Ingredients	CAS No	Percent	Hazardous
Maltitol	585-88-6	≥98%	No

## 3. Hazards Identification

### Emergency Overview:

Products is a white powder solid. May cause slight eye irritation. Health Rating: 0 – None Flammability Rating: 1 – Slight Reactivity Rating: 0 – None Contact Rating: 0 – None Lab Protective Equip: Safety glasses with side shields. Potential Health effects.

Inhalation: No adverse health effects expected from inhalation.

Ingestion: Large doses may cause gastro-intestinal upset.

Skin Contact: No adverse effects expected from single short-term exposure to this product. Prolonged or repeated contact may Produce some irritation.

Eye Contact: No adverse effects expected.

Chronic Exposure: No information found.

Aggravation of Pre-existing Conditions: No information found.

## 4. First aid Measures

Inhalation: Not expected to require first aid measures. Remove to fresh air. Get medical attention for any breathing difficulty.

Ingestion: If large amounts were swallowed, give water to drink and get medical advice.

Skin Contact: Wash exposed area with soap and water. Get medical advice if irritation develops.

Eye Contact: Wash thoroughly with running water. Get medical advice if irritation develops.

## 5. Fire Fighting Measures

Flash Point: Not applicable Method Used: Not applicable Upper Flammable Limit (UFL): Not applicable Lower Flammable Limit (LFL): Not applicable Auto Ignition: Not available Flammability Classification: Non-flammable Rate of Burning: Not available General Fire Hazards

Product is an powder solid which will not burn.

### Hazardous Combustion Products

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

#### Extinguishing Media

Use media suitable for surrounding fire.

#### Fire Fighting Equipment/Instructions

Fire fighters should wear full protective clothing including self contained breathing apparatus.

NFPA Ratings Health: 0 None Fire: 1 Slight Reactivity:0 None

#### 6. Accidental Release Measures

Containment Procedures: Contain the discharged material.Clean-Up Procedures: Wear appropriate protective equipment and clothing during clean-up. Absorb spilled material with inert absorbent material.Evacuation Procedures: None necessary.Special Procedures: None.

#### 7. Handling and Storage

Handling Procedures: Avoid prolonged or repeated skin contact with this material. Avoid getting this material into contact with your eyes. Wash through after handling.Storage Procedure: Keep container tightly closed and store at room temperature.

#### Exposure Controls/Personal Protection

##### Exposure Guidelines

##### A: General Product Information

Exposures should be minimized in accordance with good industrial hygiene practices.

##### B: Component Exposure Limits

ACGIN, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

Engineering Controls: Ventilation should be sufficient to effectively remove and prevent buildup of vapors or mists generated during handling.

#### PERSONAL PROTECTIVE EQUIPMENT Personal Protective Equipment: Eyes/Face

Wear appropriate eye protection.

#### Personal Protective Equipment: Skin

Wear impervious gloves for prolonged contact.

#### Personal Protective Equipment: Respiratory

If ventilation is not sufficient to effectively remove and prevent buildup of vapors or mists

#### Personal Protective Equipment: General

Use good industrial hygiene practices in handling this material.

#### 9. Physical and Chemical properties

Appearance: White powder

Odor: None

Solubility: Soluble in water

Specific Gravity: Not available

pH (40% solution): 5-7

Volatiles by volume @ 21°C(70F): Not information found.

Boiling Point: Not information found.

Melting Point: 148°C -151 °C

Vapor Density Air=1): Not information found.

Vapor Pressure (mm Hg): Not information found.

Evaporation Rate (BuAc=1) Not information found. Molecular Weight: 344.31 Particle Size: Mash 20 –

150

#### 10. Stability and Reactivity

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products: Upon decomposition, this product emits carbon monoxide, carbon, dioxide and/or low molecular weight hydrocarbons.

Hazardous Polymerization: Will not occur.

Incompatibilities: This product may react with oxidizing agents.

Conditions to Avoid: Moisture, heat, flames, ignition, sources and incompatibles.

#### 11. Toxicological Information

Acute Toxicity

A: General Product Information

No data available for this product.

B: Component Analysis – LD50 / LC50

No LD50 / LC50's are available for this product's components.

Carcinogenicity

A: General Product Information

No data carcinogenicity data available for this product.

B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP. Epidemiology:

No epidemiological data is available for this product. Neurotoxicity: No data available for this product.

Mutagenicity: No data available for this product. Teratogenicity: No data available for this product.

#### 12. Ecological Information

Environmental Fate: No information found.

Environmental Toxicity: No information found.

#### 13. Disposal Considerations:

Whatever cannot be saved for recovery or recycling should be managed in appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations.

Dispose of container and unused contents in accordance with federal, state and local requirements.

#### 14. Transport Information

Not regulated.

#### 15. Regulatory information

Component Analysis – Inventory

Component	CAS #	TSCA	DSL	EINECS
Assay (on dry basis)	585-88-6	Yes	Yes	Yes

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Water	7732-18-5	Yes	Yes	Yes
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Component Analysis – WHMIS IDL

Product Code#: Material Name: Maltitol powder FAO/WHO 1988

16. Other Information

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.