



安徽禾庚生物技术有限公司

ANHUI HEGENG BIOTECH ENGINEERING CO., LTD.

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MATERIAL SAFETY DATA SHEET

SECTION 1 – Product and Company Information

Product Name: D-Tagatose
Company: ANHUI HEGENG BIOTECH ENGINEERING CO., LTD.
Address: Add:NO.14 Modern Industrial Mill Xinanjiang Road Suzhou & Chuzhou
Modern Industrial Park, Chuzhou, China
Tel: +86-21-65953622
Email: sales@hegengbt.com

SECTION 2 – Composition/Information on Ingredient

Substance Name: D-Tagatose
CAS #: 87-81-0
Molecular Formula: C₆H₁₂O₆
Molar Weight: 180.16
Weight %: ≥ 99.0% by HPLC

SECTION 3 – Hazards Identification

Classification:

Not a hazardous substance or mixture.

Label Elements:

None required.

Hazards not otherwise classified (HNOC):

None identified.

HMIS:

Health: 0
Flammability: 0
Reactivity: 0

SECTION 4 – Fire and Explosion Hazard Data

Eye Contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.

Ingestion:

Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.

Inhalation:

Move to fresh air. Get medical attention immediately if symptoms occur.

Skin Contact:

Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.

SECTION 5 – Fire Fighting Measure

Flash Point: N/A

Autoignition Temp: N/A

Flammability: N/A __

Suitable Extinguishing Media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Firefighting:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NISOH (approved or equivalent) and full protective gear.

NFPA:

Health: 0

Flammability: 0

Reactivity: 0

SECTION 6 – Accidental Release Measures

Personal Precautions:

Ensure adequate ventilation. Use personal protective equipment. Avoid dust formation.

Environmental Precautions:

Should not be released into the environment. See Section 12 for additional ecological information.

Methods for Cleaning up:

Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dust formation.

SECTION 7 – Handling and Storage

Handling:

Wear personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Avoid dust formation.

Storage:

Keep containers tightly closed in a dry, cool and well-ventilated place.

Storage class (TRGS 510): 13: Non Combustible Solids

SECTION 8 – Exposure Controls

Engineering Controls:

None under normal use conditions.

Personal Protective Equipment:

Respiratory: No protective equipment is needed under normal use conditions.

Skin and body: Wear appropriate protective gloves and clothing to prevent skin exposure.

Eye/face: Wear appropriate protective eyeglasses or chemical safety goggles.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 – Physical /Chemical Properties

Appearance:	White crystalline powder
Odor:	N/A
pH:	N/A
Melting Point/Range:	127-137°C
Boiling Point/Range:	551.7°C at 760mm Hg
Vapor Pressure:	N/A
Vapor Density:	N/A
Bulk Density:	N/A
Evaporation Rate:	N/A
Solubility:	Soluble in water.

SECTION 10 – Stability and Reactivity

Reactive Hazard:

None known based on information available.

Stability:

Stable under recommended storage conditions.

Conditions to Avoid:

Incompatible products. Excess heat. Avoid dust formation.

Hazardous Decomposition Products:

Carbon monoxide (CO), Carbon dioxide (CO₂).

Hazardous Polymerization:

Does not occur.

Hazardous Reaction:

None under normal processing.

SECTION 11 – Toxicological Information

Route of Exposure:

Skin Contact: Due to lack of data the classification is not possible.

Eye Contact: Due to lack of data the classification is not possible.

Inhalation: Due to lack of data the classification is not possible.

Ingestion: Due to lack of data the classification is not possible

Toxicity to Animals: No information available.

Symptoms of Exposure: No information available.

Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, and OSHA.

Mutagenic Effects: No information available.

Reproductive Effects: No information available.

Developmental Effects: No information available.

Teratogenicity: No information available.

Aspiration Hazard: No information available.

Other Adverse Effects: The toxicological properties have not been fully investigated.

SECTION 12 – Ecological Information

Ecotoxicity: Do not empty into drains.

Persistence and Degradability: No information available.

Bioaccumulation/Accumulation: No information available.

Mobility in Soil: No information available.

SECTION 13 – Disposal Consideration

Waste Disposal Methods:

This product, Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging: Dispose of as unused product.

SECTION 14 – Transport Information

DOT: Not dangerous goods

IATA: Not dangerous goods

IMDG/IMO: Not dangerous goods

SECTION 15 – Regulatory Information

US Federal Regulations:

SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazardous Categorization
California Proposition 65**

No SARA Hazards

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16 – Other Information

Disclaimer:

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

