

Safety Data Sheet (SDS)

Section 1: Identification

- **1.1 Product Identification**

- **Product Name:** Bexagliflozin
- **Product Number:** Sigma-1492025178
- **Brand:** Sigma
- **CAS Number:** 1118567-05-7
- **EC Number:** Not specified
- **Molecular Formula:** $C_{24}H_{29}ClO_7$
- **Molecular Weight:** 464.9 g/mol
- **Website:** [Sigma Chemical](#)

- **1.2 Supplier Details**

- **Company Name:** Sigma Chemical Co., Ltd.
- **Address:** Room 2-1-2301, Jiahe Xinxing, No.130, Shandong Road, Shibei District, Qingdao City, Shandong Province, China
- **Phone Number:** +8618661891880
- **Email:** chemweb3@foxmail.com
- **Business Hours:**

- Monday to Friday: 9:00 AM - 6:00 PM
- Saturday: 9:00 AM - 1:00 PM
- Sunday: Closed

1.3 Emergency Contact Number

Emergency Contact: +8618661891880

1.4 Recommended Use and Restrictions

Recommended Use: For research and development purposes only. Not for drug, household, or other uses.

Section 2: Hazard Identification

- **2.1 GHS Classification**
 - **Not Classified** under GHS.
- **2.2 GHS Label Elements**
 - **Pictogram:** None
 - **Signal Word:** None
 - **Hazard Statements:** None
 - **Precautionary Statements:** None

2.3 Physical and Chemical Hazards

Non-flammable. No significant hazards identified.

2.4 Health Hazards

No known adverse health effects under normal handling conditions.

2.5 Environmental Hazards

Not classified as environmentally hazardous.

Section 3: Composition/Information on Ingredients

- **3.1 Substance**

- **Synonyms:** Bexagliflozin, EGT-1442, THR-1442, Brenzavvy
 - **Molecular Formula:** $C_{24}H_{29}ClO_7$
 - **Molecular Weight:** 464.9 g/mol
 - **CAS Number:** 1118567-05-7
 - **EC Number:** Not specified
 - **Hazardous Components:** None identified.
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Section 4: First Aid Measures

- **4.1 First Aid Measures**

- **Inhalation:** Move to fresh air.
- **Skin Contact:** Wash with water.
- **Eye Contact:** Rinse with water for several minutes.
- **Ingestion:** Seek medical advice if symptoms occur.

4.2 Most Important Symptoms and Effects

No significant symptoms expected.

4.3 Immediate Medical Attention

Not required under normal conditions.

Section 5: Firefighting Measures

5.1 Extinguishing Media

Use appropriate extinguishing media for surrounding fire.

5.2 Specific Hazards

Combustion products may include CO, CO₂, HCl.

5.3 Firefighting Precautions

Wear self-contained breathing apparatus.

Section 6: Accidental Release Measures

6.1 Personal Precautions

Use personal protective equipment. Avoid dust formation.

6.2 Containment and Clean-Up

Collect mechanically. Avoid release into environment.

6.3 Reference to Other Sections

See Sections 8 and 13.

Section 7: Handling and Storage

7.1 Handling Precautions

Use in well-ventilated areas. Avoid inhalation and contact.

7.2 Storage Conditions

Store in a cool, dry place. Keep container tightly closed.

Section 8: Exposure Controls/Personal Protection

8.1 Control Parameters

No occupational exposure limits established.

8.2 Exposure Controls

Ensure adequate ventilation. Use gloves and eye protection if needed.

- **Section 9: Physical and Chemical Properties**

- **Appearance:** Solid
 - **Color:** Not specified
 - **Odor:** Characteristic
 - **Solubility:** Soluble in DMSO, DMF, ethanol; slightly soluble in water
 - **Stability:** Stable under recommended conditions
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- **Section 10: Stability and Reactivity**

- **Stability:** Stable
 - **Incompatible Materials:** Strong oxidizing agents
 - **Hazardous Decomposition Products:** CO, CO₂, HCl
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- **Section 11: Toxicological Information**

- **Acute Toxicity:** Not classified
 - **Skin/Eye Irritation:** Not irritating
 - **Sensitization:** Not sensitizing
 - **Carcinogenicity:** Not listed by IARC, NTP, OSHA
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Section 12: Ecological Information

Not classified as environmentally hazardous.

Section 13: Disposal Considerations

Dispose of in accordance with local regulations.

Section 14: Transport Information

Not regulated for transport.

Section 15: Regulatory Information

Not listed under SARA, TSCA, or other major regulatory lists.