


03/23/2026

 MSN Pharmaceuticals Inc.	<b>MSN PHARMACEUTICAL INC</b> <b>20 DUKE ROAD, PISCATAWAY, NJ-08854, USA</b>	Page 1 of 5
	<b>SAFETY DATA SHEET (SDS)</b>	
<b>Product Name</b>	<b>GLYCEROL PHENYLBUTYRATE ORAL LIQUID, 1.1 GM/ ML</b>	<b>Effective Date:</b> <b>03/19/2026</b>

### 1. Identification

**Product Name:** Glycerol Phenylbutyrate Oral Liquid, 1.1 gm/ mL

**Manufacturer:** MSN Pharmaceuticals Inc., Piscataway, NJ 08854

### 2. Hazards Identification

**Health:** The product contains glycerol phenylbutyrate, a nitrogen-binding agent indicated for chronic management of patients with urea cycle disorders (UCDs). Avoid inhalation, skin contact, eye contact and accidental ingestion. Please refer to the product label for appropriate consumer-specific information about this product when used according to the physician's direction

**Environment:** Avoid release to the environment.

### 3. Composition/information on ingredients

**Glycerol Phenylbutyrate Oral Liquid:** 1.1 gm/ mL

### 4. First Aid Measures

#### Description of First Aid Measures

**Eye Contact:** Rinse thoroughly with plenty of water and seek Medical advice.

**Skin Contact:** Immediately remove all contaminated clothing, including footwear. Wash skin with soap and water. If skin irritation persists, call a physician.

**If swallowed:** Rinse mouth with copious amounts of water. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. Get immediate medical attention.


**Inhalation:** Move to fresh air. If symptoms persist, call a physician

### 5. Fire Fighting Measures

#### Extinguishing Media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use carbon dioxide, dry chemical powder, or water spray.

#### Special Firefighting Procedures

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During all firefighting activities, wear appropriate protective equipment, including self-contained breathing apparatus.

## 6. Accidental Release Measures

### Personal Precautions

Ensure adequate ventilation. Avoid contact with eyes and skin.

### Environmental Precautions

Care should be taken to avoid environmental release.

### Methods and Material for Containment and Cleaning Up

Absorb spills with inert absorbent material and transfer them into a labeled container for disposal. Dispose of according to applicable regulations.

## 7. Handling and Storage

### Precautions for Safe Handling

Avoid contact with skin, eyes, or clothing. Use adequate ventilation to minimize exposure. Wash your hands, face, and other potentially exposed areas immediately after handling this material.

### Conditions for Safe Storage, Including any Incompatibilities

**Storage Conditions:** Store tightly closed container. Keep out of the reach of children.

## 8. Exposure Controls/Personal Protection

### Engineering Controls:


When practicable, handle material in enclosed processes or processes with effective local exhaust ventilation or within a chemical hood.

### Personal protective Equipment:

**Eyes/Face:** No special protective equipment required. If splashes are likely to occur, wear: Safety glasses with side-shields.

**Skin/Body:** Use gloves or other appropriate personal protective equipment if skin contact with formulation is possible. Wear lab coat or other protective overgarment if splashing is possible.

**Respiratory protection:** Respiratory protection is generally not needed during routine conditions of use of this product if handled with effective local exhaust ventilation or containment.

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Occupational Exposure Limit: OEL has not been established by OSHA, NIOSH, ACGIH.

### 9. Physical and Chemical Properties

**Appearance:** Colorless to pale yellow

**Physical State:** Liquid

### 10. Stability and Reactivity

<b>Reactivity:</b>	No data available
<b>Stability:</b>	No data available
<b>Conditions to Avoid:</b>	No data available
<b>Hazardous reactions:</b>	No data available
<b>Hazardous Decomposition Products:</b>	No data available

### 11. Toxicological Information

#### Information on Toxicological Effects


<b>Acute Toxicity:</b>	No information is available
<b>Skin corrosion/irritation:</b>	Does not meet GHS Classification Criteria and therefore is not classified.
<b>Eye Contact:</b>	Does not meet GHS Classification Criteria and therefore is not classified.
<b>Carcinogenicity:</b>	Does not meet GHS Classification Criteria and therefore is not classified.
<b>Reproductive toxicity:</b>	GHS Category 2 - Suspected human reproductive toxicant based.

### 12. Ecological Information

<b>Environmental Overview:</b>	No information is available.
<b>Persistence and Degradability:</b>	No information is available.
<b>Bio accumulative potential:</b>	No information is available.

### 13. Disposal Considerations

Dispose of material according to federal, state and local disposal regulations.

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<b>14. Transport Information</b>
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**International Regulations: Not Classified by transport regulations, non-regulated**

**IATA / ICAO – Non-Hazardous - Not Regulated**

IATA Proper shipping name: N/A  
IATA UN / ID No: N/A  
IATA Hazard Class: N/A  
IATA Packing Group: N/A  
IATA Label: N/A

**IMDG - Not Regulated**

IMDG Proper shipping name: N/A  
IMDG UN / ID No: N/A  
IMDG Hazard Class: N/A  
IMDG Flash Point N/A  
IMDG Label: N/A

**DOT – Not Regulated**

DOT Proper shipping name: N/A  
DOT UN / ID No: N/A  
DOT Hazard Class: N/A  
DOT Flash Point N/A  
DOT Packing Group: N/A  
DOT Label: N/A


<b>15. Regulatory Information</b>
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This Section Contains Information relevant to compliance with other Federal and/or state law.

<b>16. Other Information</b>
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**Prepared by: MSN Pharmaceutical Inc, Piscataway, New Jersey – 08554**

MSN Pharmaceutical Inc believes that the information contained in this Material Safety Data Sheet is accurate, and while it is provided in good faith, it is without warranty of any kind, expressed or implied. If data for a hazard are not included in this document there is no known information at this time.

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**Disclaimer:** This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. It is not meant to be an all-inclusive document on worldwide hazard communications regulations. This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate mechanisms to prevent employee exposures, property damage or release to the environment.

**End Of Safety Data Sheet**