

## I Identification

Product Name: **Gamborg's Vitamin Mixture (Powder)**

Catalog Number: **GVP01**

Synonyms:

Company: **Caisson Laboratories**

Address: **836 South 100 East, Smithfield, UT 84335**

Telephone: **435.755.7615**

Fax: **435.755.7617**

Emergency Contact: **CHEMTREC 800.424.9300 (703.527.3887)**

Recommended Use:

Restrictions On Use:

## II Hazard(s) Identification

Overview: **Irritant**

Flammability:

Reactivity:

Toxicity:

NFPA Rating

Health: **0**

Flammability: **0**

Reactivity: **0**

Special:

Pictograms:

## III Composition / Information on Ingredients

General Information:

Component:

CAS#:

% by Weight: **n/a**

#### IV First-Aid Measures

General Information: **n/a**

Route of Exposure

Oral: **If swallowed, wash out mouth with water provided person is conscious. Call a physician.**

Inhalation: **If inhaled, move to fresh air. If breathing becomes difficult, call a physician.**

Dermal: **In case of skin contact, flush with copious amounts of water.**

Eye: **In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.**

#### V Fire-Fighting Measures

General Information:

Flammable Properties

General:

Flash Point: **n/a**

Ignition Temperature: **n/a**

Suitable Extinguishing Media: **Water spray, carbon dioxide, Dry chemical powder or appropriate foam.**

Special Protective Equipment for fire fighters: **Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.**

Additional Information: **Oxidizer.**

**May explode when heated. Unusual fire and explosions hazards contact with other material may cause fire. May emit toxic fumes under fire conditions. Container explosion may occur under fire conditions.**

#### VI Accidental Release Measures

General Information: **Sweep up and remove, wash area with water.**

#### VII Handling and Storage

Handling:

Storage: **2 to 8° C, Hygroscopic**

## VIII Exposure Controls / Personal Protection

General Information:

Engineering Measures:

Personal Protective Equipment

General:

Eye Protection: **Safety glasses or goggles recommended.**

Hand Protection: **Chemical-resistant gloves recommended.**

Respiratory Protection: **Ventilate area**

Skin and Body Protection:

Hygiene Measures: **Use good laboratory practice.**

## IX Physical and Chemical Properties

General Information:

Appearance: **Off white to yellow powder**

pH:

Specific Gravity:

Melting Point: **n/a**

Boiling Point:

Flash Point: **n/a**

Flammability Range:

Vapor Pressure:

## X Stability and Reactivity

General Information:

Storage Stability

Temperature: **2 to 8 degrees C**

Light Sensitive: **True**

Incompatibles:

Hazardous Decomposition Products: **n/a**

<b>XI</b>	<b>Toxicological Information</b>
<p>General Information:</p> <p>Acute Toxicity: <b>Complete toxicological properties have yet to be determined.</b></p> <p>Chronic Toxicity: <b>Complete toxicological properties have yet to be determined.</b></p> <p>Local Effects:</p> <p>Target Organs: <b>Blood, Central nervous system</b></p> <p>Carcinogenicity: <b>n/a</b></p> <p>OSHA Permissible Exposure Limits: <b>No exposure limits established by OSHA or ACGIH</b></p>	
<b>XII</b>	<b>Ecological Information</b>
<p>General Information: <b>n/a</b></p>	
<b>XIII</b>	<b>Disposal Considerations</b>
<p>General Information:</p> <p>Disposal of Product: <b>Observe all federal, state and local environmental regulations.</b></p> <p>Disposal of Packaging: <b>Rinse and dispose according to federal, state and local environmental regulations.</b></p>	
<b>XIV</b>	<b>Transport Information</b>
<p>Proper Shipping Name: <b>CHEMICALS, N.O.S (NON-REGULATED)</b></p> <p>UN#:</p> <p>Class: <b>n/a</b></p> <p>Packaging Group: <b>n/a</b></p> <p>Hazard Label: <b>Irritant</b></p>	
<b>XV</b>	<b>Regulatory Information</b>
<p>General Information:</p> <p>TSCA:</p> <p>SARA 313:</p>	
<b>XVI</b>	<b>Other Information</b>
<p>General Information: <b>The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Caisson Laboratories, Inc. Shall not be held liable for any damage resulting from handling or from contact with the above product.</b></p>	

Last Revision Date: 14 Oct, 2013