

I Identification

Product Name: **Gamborg's Vitamin Mixture**

Catalog Number: **GBL01**

Synonyms:

Company: **Caisson Laboratories**

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

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Recommended Use:

Restrictions On Use:

II Hazard(s) Identification

Overview: **May cause skin irritation and/or dermatitis.**

Flammability: **None**

Reactivity: **None**

Toxicity:

NFPA Rating

Health: **0**

Flammability: **0**

Reactivity: **0**

Special:

Pictograms:

III Composition / Information on Ingredients

General Information: **No ingredients are hazardous according to OSHA criteria.**

Component:

CAS#:

% by Weight: **The subject formulation is a nutrient blend of vitamins, carbohydrates, organic and inorganic supplements and salts.**

With the exception of purified water, all ingredients are in concentrations of less than 5%.

IV First-Aid Measures

General Information:

Route of Exposure

Oral: **Never give anything by mouth to an unconscious person. Rinse mouth with water.**

Inhalation: **If breathed in, move person into fresh air. If not breathing, give artificial respiration.**

Dermal: **Wash off with soap and plenty of water.**

Eye: **Flush eyes with water as a precaution.**

V Fire-Fighting Measures

General Information:

Flammable Properties

General: **Not flammable or combustible.**

Flash Point:

Ignition Temperature:

Suitable Extinguishing Media: **Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.**

Special Protective Equipment for fire fighters: **Wear self contained breathing apparatus for fire fighting if necessary.**

Additional Information: **Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NO_x), Sulphur oxides, Hydrogen chloride gas.**

VI Accidental Release Measures

General Information: **Personal precautions: Avoid breathing vapors, mist or gas.**

Environmental precautions: Do not let product enter drains.

Methods and materials for containment and cleaning up: Keep in suitable, closed containers for disposal.

VII Handling and Storage

Handling: **Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.**

Storage: **2 to 8 °C**

VIII Exposure Controls / Personal Protection

General Information: **Contains no substances with occupational exposure limit values.**

Engineering Measures:

Personal Protective Equipment

General:

Eye Protection: **Use equipment for eye protection tested and approved under appropriate government standards.**

Hand Protection: **Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product.**

Respiratory Protection: **Respiratory protection not required.**

Skin and Body Protection: **The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.**

Hygiene Measures: **General industrial hygiene practice.**

IX Physical and Chemical Properties

General Information:

Appearance: **Clear, colorless solution.**

pH:

Specific Gravity:

Melting Point:

Boiling Point:

Flash Point:

Flammability Range:

Vapor Pressure:

X Stability and Reactivity

General Information: **Stable under recommended storage conditions.**

Storage Stability

Temperature: **2 to 8 degrees C**

Light Sensitive: **True**

Incompatibles: **Strong oxidizing agents.**

Hazardous Decomposition Products: **Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx), Sulphur oxides, Hydrogen chloride gas.**

XI	Toxicological Information
<p>General Information:</p> <p>Acute Toxicity:</p> <p>Chronic Toxicity:</p> <p>Local Effects:</p> <p>Target Organs:</p> <p>Carcinogenicity:</p> <p>OSHA Permissible Exposure Limits:</p>	
XII	Ecological Information
<p>General Information:</p>	
XIII	Disposal Considerations
<p>General Information:</p> <p>Disposal of Product: Observe all federal, state and local environmental regulations.</p> <p>Disposal of Packaging: Rinse and dispose according to federal, state and local environmental regulations.</p>	
XIV	Transport Information
<p>Proper Shipping Name:</p> <p>UN#:</p> <p>Class:</p> <p>Packaging Group:</p> <p>Hazard Label:</p>	
XV	Regulatory Information
<p>General Information:</p> <p>TSCA:</p> <p>SARA 313:</p>	
XVI	Other Information
<p>General Information: 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.</p>	

Last Revision Date: 23 Oct, 2012