

**I Material & Company Identification**

Product Name: **EMEM**  
 Catalog Number: **MEL06-500ML**  
 Synonyms:  
 Company: **Caisson Laboratories**  
 Address: **1740 Research Park Way, North Logan, UT 84341**  
 Telephone: **435.755.7615**  
 Fax: **435.755.7617**  
 Emergency Contact: **CHEMTREC 800.424.9300 (703.527.3887)**

**II Composition / Information on Ingredients**

General Information:  
 Component:  
 CAS#:  
 % by Weight: **The subject formulation is a nutrient blend of amino acids, vitamins, carbohydrates, organic and inorganic supplements and salts. With the exception of purified water, all ingredients are in concentrations of less than 1%.**

**III Hazards Identification**

Overview: **Complete toxicological properties have yet to be determined.**  
 Flammability:  
 Reactivity:  
 Toxicity:

**IV First Aid Measures**

General Information:  
 Route of Exposure  
 Oral: **If swallowed, wash out mouth with water provided person is conscious. Call a physician.**  
 Inhalation: **In case of skin contact, flush with copious amounts of water.**  
 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:  
     Ignition Temperature:  
 Suitable Extinguishing Media: **Water spray, carbon dioxide, Dry chemical powder or appropriate foam.**  
 Special Protective Equipment for fire fighters:  
 Additional Information:

**VI Accidental Release Measures**

General Information: **Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.**

**VII Handling and Storage**

Handling: **Follow good laboratory practices.**  
 Storage: **2 to 8 °C. Protect from light.**

**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:  
     Skin and Body Protection:  
 Hygiene Measures:

**IX Physical and Chemical Properties**

General Information:  
 Appearance: **Clear orange-red solution.**  
 pH: **7.000**  
 Specific Gravity:  
 Melting Point:  
 Boiling Point:  
 Flash Point:  
 Flammability Range:  
 Vapor Pressure:

**X Stability and Reactivity**

General Information:  
 Storage Stability  
     Temperature: **2 - 8 °C**  
     Light Sensitive: **True**  
 Incompatibles:  
 Hazardous Decomposition Products: **Stable. Hazardous Polymerization will not occur.**

**XI Toxicological Information**

General Information:  
 Acute Toxicity:  
 Chronic Toxicity:  
 Local Effects:  
 Target Organs:  
 Carcinogenicity:  
 OSHA Permissible Exposure Limits:

**XII Ecological Information**

General Information:

**XIII Disposal Considerations**

General Information:  
 Disposal of Product: **Observe all federal, state and local environmental regulations.**  
 Disposal of Packaging: **Rinse and dispose according to federal, state and local environmental regulations.**

**XIV Transport Information**

Proper Shipping Name: **CHEMICALS, N.O.S (NON-REGULATED)**

UN#:

Class:

Packaging Group:

Hazard Label:

**XV Regulatory Information**

General Information:

**XVI Other Information**

General Information: