



Trade Name: MiniOne® Protein Capsule

M S D S Revision Date: October 29th, 2024

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Code: MiniOne® Protein Capsule
Trade Name: Protein Capsule, protein powder
Company Identification: Embi Tec or The MiniOne Systems
7738 Arjons Drive
San Diego, CA 92126
USA
858-684-3190

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

This experimental lab kit includes the following substances/chemical(s) listed below & various plastic accessories.

Substances:

Chemical name	Formula	CAS number	%
Protein powder	Unspecified	No data	100

Overall, this product contains no substances which at their given concentration are considered to be hazardous to health.

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview: May cause sensitization by skin contact. An eye irritant.

Potential Health Effects:

- Eyes** Direct contact can cause eye irritation including redness, tearing & pain.
- Skin** May cause mild irritation in susceptible persons
- Ingestion** May cause gastrointestinal irritation, nausea & discomfort

SECTION 4: FIRST AID MEASURES

Description of first aid measures:

Skin contact: Wash off immediately with plenty of water
Eye contact: Rinse immediately with plenty of water as a precaution, also under the eyelids
Ingestion: Get medical attention immediately; never give anything by mouth to an unconscious person; rinse mouth with water
Inhalation: Move to fresh air
Notes To physician: Treat symptomatically

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: No data available
Special Hazards Arising from Substance/Mixture: No data available
Special Protective Equipment for Firefighters: Wear self-contained breathing apparatus and protective suit if necessary.



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SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment
Methods for Cleaning Up: Soak up with inert absorbent material, if needed. Dispose of properly.

SECTION 7: HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin, and clothing. Do not swallow. Wash thoroughly after handling.
Storage: Keep in properly labeled containers.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters: Contains no substance with occupational exposure limit values.
Exposure Limit Values: None established
Exposure Controls: Use process enclosures, local exhaust ventilation, or other engineering controls as needed.
Respiratory Protection: Not required. If prefer, use an approved air-purifying respirator.
Eye/Face Protection: Use safety glasses or chemical goggles.
Skin/Hand Protection: Use chemical gloves as needed. Wear lightweight protective clothing.
Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.
Environmental Exposure Controls: Prevent product from entering drains

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White powder
Odor: Data not available
Flash Point: Data not available
Viscosity: Data not available
Solubility: Data not available
Density: Data not available
Boiling Point: Data not available
Melting Point: Data not available
pH: Data not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Data not available
Stability: Stable under recommended storage conditions
Materials to Avoid: Data not available
Polymerization: Data not available

SECTION 11: TOXICOLOGICAL INFORMATION

Oral: No information available
Inhalation: No information available
Dermal: No information available

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: No information available



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Mobility: No information available
Biodegradation: No information available
Bioaccumulation: No information available

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations; offer surplus to a licensed disposal company if necessary.

SECTION 14: TRANSPORT INFORMATION

DOT (US): Not dangerous goods
IMDG: Not dangerous goods
IATA Proper Shipping Name: Not classified as dangerous in the meaning of transport regulations
IATA Hazard Class: Not classified as hazardous for transport

SECTION 15: REGULATORY INFORMATION

US Federal Regulations:

SARA 302 Components:

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/12 Hazards

No SARA Hazards

SECTION 16: OTHER INFORMATION

This product is sold for educational purposes only. It is not intended for research, food, drug, household, agricultural, or cosmetic use. An individual technically qualified to handle potentially hazardous chemicals must supervise the use of this material.

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may be present unknown hazards and should be used with caution. Since Embi Tec and The MiniOne Systems cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein.

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End of Material Safety Data Sheet