

Safety Data Sheet (SDS)

Recombinant CSFV E2 Protein, Sterile | EV-PRO-005 | GHS/OSHA HazCom 2012

Section 1: Identification

Product Name	Recombinant CSFV E2 Protein, Sterile
Catalog Number	EV-PRO-005
Manufacturer	Enzovera Life Sciences LLC
Address	2600 Hilltop Drive B, C300, Richmond, CA 94806, USA
Intended Use	For research use only. Not for diagnostic or therapeutic use.
Emergency Contact	Refer to local poison control center or emergency services

Section 2: Hazard Identification

GHS Classification: Not classified as hazardous under GHS/OSHA HazCom 2012 (unless noted in Section 3).

Special Note: Not classified as hazardous. Sterile grade - handle aseptically. Potential protein allergen - standard laboratory precautions.

- Avoid contact with eyes, skin, and clothing.
- Wash hands thoroughly after handling.
- Keep out of reach of children.
- Wear appropriate PPE when handling.

Section 3: Composition / Information on Ingredients

Component	CAS Number	Concentration	Classification
CSFV E2 Recombinant Protein (CHO-expressed)	N/A - biological	>=95% purity	Not classified

Section 4: First Aid Measures

Skin Contact: Wash with soap and water >=15 min. Remove contaminated clothing. Seek medical attention if irritation persists.

Eye Contact: Flush with water >=15 min, holding eyelids open. Seek medical attention if irritation persists.

Inhalation: Move to fresh air. Seek medical attention if symptoms develop.

Ingestion: Do NOT induce vomiting. Rinse mouth. Seek immediate medical attention.

Section 5: Fire-Fighting Measures

Flash Point: Not applicable (liquid biological product).

Extinguishing Media: Use media appropriate for surrounding fire.

Special Hazards: Biological protein material; no specific fire hazard beyond general organic material.

Section 6: Accidental Release Measures

- Wear PPE (gloves, lab coat, eye protection).
- Contain spill with absorbent material. Collect into appropriate waste container.
- Clean area with water; decontaminate surfaces for biological material.
- Dispose according to local regulations for biological waste.

Section 7: Handling and Storage

Handling: Use in a laboratory by trained personnel. Do not freeze; avoid repeated freeze-thaw.

Storage: 4°C. 1 year at 4°C.

Incompatibilities: Strong oxidizers, strong acids/bases; avoid heavy metal ions.

Section 8: Exposure Controls / Personal Protection

Engineering Controls: Use in well-ventilated laboratory.

PPE: Nitrile gloves; safety glasses or goggles; standard lab coat; respiratory protection not required under normal use.

Section 9: Physical and Chemical Properties

Appearance: Clear, colorless to light yellow solution | **pH:** 7.0-7.4 | **Solubility:** Soluble in aqueous solutions | **Flash Point:** Not applicable

Section 10: Stability and Reactivity

Stability: Stable at 4°C when stored correctly.

Conditions to Avoid: Temperatures outside recommended range; repeated freeze-thaw.

Hazardous Decomposition Products: None under normal conditions.

Section 11: Toxicological Information

Acute Toxicity: No data available for this biological product. Proteins are generally of low acute toxicity at research-grade concentrations.

Carcinogenicity: No components are listed by IARC, NTP, or OSHA as carcinogens.

Special Considerations: See Section 2 special hazard note for product-specific information.

Section 12: Ecological Information

No ecotoxicological data available. Avoid release into drains or waterways. Dispose per applicable regulations.

Section 13: Disposal Considerations

Dispose per local, state, and federal regulations. Biological research reagent - treat as biological waste per institutional biosafety guidelines.

Inactivation (autoclaving or chemical) recommended before disposal.

Section 14: Transport Information

UN Number: Not regulated for transport as dangerous goods.

DOT / IATA / IMDG: Not classified as a dangerous good for this product.

Special Precautions: 4°C transport with ice pack.

Section 15: Regulatory Information

TSCA: Biological product for research use. Buffer components on TSCA inventory.

SARA Title III: No listed components at reportable concentrations.

California Prop 65: No listed components at concentrations requiring a warning.

Section 16: Other Information

SDS Number: SDS-EV-PRO-005

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Prepared by: Enzoverta Life Sciences LLC, Quality Assurance

Information is based on best available data and is not all-inclusive. Users should assess suitability for their specific application.