

Safety Data Sheet

CSFV Envelope glycoprotein E2 Polyclonal Antibody

Cat#: orb1417404

1. Product Identification

Product Name: CSFV Envelope glycoprotein E2 Polyclonal Antibody

Catalog Number: orb1417404

2. Hazards Identification

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

3. Composition/Information on Ingredients

Purified Antibody, 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

4. First Aid Measures

General Advice

Remove exposed individual from source of exposure. Ensure the individual is in a safe environment. Seek medical attention if symptoms persist or develop. Show this Safety Data Sheet to the physician in attendance.

Inhalation

Move people to fresh air immediately.

If breathing is difficult, provide oxygen if qualified personnel are available.

If breathing has stopped, administer artificial respiration and seek immediate medical attention. Obtain medical attention if irritation or respiratory symptoms occur.

Skin Contact

Remove contaminated clothing and shoes.

Wash affected area thoroughly with soap and plenty of water for at least 15 minutes. Seek medical attention if irritation or redness develops.

Wash contaminated clothing before reusing.

Eye Contact

Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Remove contact lenses if present and easy to do. Continue rinsing.

Seek medical attention if irritation persists.

Ingestion

Rinse mouth thoroughly with water.

Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person.

Seek medical attention if symptoms occur.

Most Important Symptoms and Effects, Both Acute and Delayed May cause mild irritation to eyes, skin, or respiratory tract. Ingestion may cause gastrointestinal discomfort.

Exposure to preservative (ProClin 300, containing isothiazolinones) may cause allergic skin reactions in sensitive individuals.

No known significant acute toxicity under normal laboratory use conditions.

Indication of Any Immediate Medical Attention and Special Treatment Needed Treat symptomatically.

No specific antidote known.

In cases of allergic reaction (e.g., due to ProClin 300), provide appropriate medical treatment such as antihistamines or corticosteroids as clinically indicated.

Ensure medical personnel are aware of the presence of isothiazolinone preservatives

5. Fire Fighting Measures

Fire: Not considered to be a fire hazard.

Explosion: Not considered to be an explosion hazard.

Fire Extinguishing Media: Use any means suitable for extinguishing surrounding fire.

Special Information: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece pressure mode.

6. Accidental Release Measures

Spill or release: wear lab coat, chemical resistant gloves and safety glasses. Wipe up spill with a suitable absorbent and dispose of properly. Wash down the spill site.

Waste disposal method: Dispose of in accordance with all federal, state and local regulations.

7. Handling and Storage

Ventilation: Use mechanical exhaust.

Shipping Restrictions: There are no safety restrictions on delivery by air.

Hazardous Decomposition Products: Not available.

8. Exposure Controls/Personal Protection

Respiratory protection: Not required. Use mechanical exhaust.

Protective equipment: Good laboratory practices should always be used. Wear suitable protective clothing, chemical resistant gloves and lab safety glasses.

9. Physical and Chemical Properties

Appearance: Clear, colorless

Form: Liquid

Odor: No information found.

Solubility: Complete (100%)

Specific Gravity: No information found.

pH: 7.4

Volatiles by volume at 21C (70F): ca. 97

Boiling Point: Not applicable

Melting Point: Not applicable

Vapor Density (Air=1): Not applicable.

Vapor Pressure (mm Hg): Not applicable.

Evaporation Rate (BuAc=1): No information found.

10. Stability and Reactivity

Storage: Store at -20C. Keep in a tightly closed container. Protect against physical damage.

Stability: Stable under ordinary conditions of use and storage.

Hazardous Polymerization: Will not occur.

11. Toxicological Information

No known significant effects or critical hazards.

12. Ecological Information

No known significant effects or critical hazards.

13. Disposal Considerations

Waste Disposal: Dispose of material according to all federal, state, and local regulations.

14. Transport Information

UN Number: Not applicable

UN Proper Shipping Name: Not regulated

Transport Hazard Class: Not applicable

Packing Group: Not applicable

Environmental Hazards: Not classified

Air Transport (IATA/ICAO)

This product is not regulated as a dangerous good under current IATA Dangerous Goods Regulations and is not restricted for air transport.

IMDG / DOT

Not regulated as a hazardous material for transport

Special Transport Precautions: None required

15. Regulatory Information

No known healthy hazards in this concentration.

Special training:

No special training is anticipated, however, the worker should be well instructed for the execution of this task, have knowledge of this Safety Data Sheet and normal training in use of personal protective equipment.

16. Other Information

This compound is sold only for research use by personnel familiar with the toxicology of organic chemicals and who are well trained in good laboratory habits, such as avoiding spills, always keeping hands clean and not rubbing eyes with hands while working in the laboratory. This compound is sold only in milligram quantities for use in biochemical research. No other use is intended, and any other use may involve substantial hazards. The above information is believed to be correct but does not purport to be inclusive and shall be used only as a guide for experienced personnel. Biorbyt shall not be held liable for any damage resulting from the handling of or from contact with the above product. The burden of safe use of this material rests entirely with the user.