

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product code 10099141
Product Name Foetal Bovine Serum, Qualified

Company/Undertaking Identification

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5791 VAN ALLEN WAY
PO BOX 6482
CARLSBAD, CA 92008
760-603-7200

INVITROGEN CORPORATION
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24 hour Emergency Response (Transport): 866-536-0631
301-431-8585
Outside of the U.S. ++1-301-431-8585

For research use only

2. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

3. HAZARDS IDENTIFICATION

Emergency Overview

May be harmful if swallowed

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

May be harmful by inhalation

May cause eye irritation with susceptible persons

Form

Liquid

Principle Routes of Exposure/ Potential Health effects

Eyes

May cause eye irritation with susceptible persons.

Skin.

No information available.

Inhalation

May be harmful by inhalation.

Ingestion

May be harmful if swallowed.

Specific effects

Carcinogenic effects

No information available.

Mutagenic Effects

No information available.

Reproductive Toxicity

No information available.

Sensitization

No information available.

Aggravated Medical Conditions No information available.

HMIS

Health	0
Flammability	0
Reactivity	0

4. FIRST AID MEASURES

Skin Contact

Wash off immediately with plenty of water. If symptoms persist, call a physician.

Eye Contact

Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

Ingestion

Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Inhalation

Move to fresh air. If symptoms persist, call a physician.

Notes to Physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical.

Special protective equipment for firefighters

Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Use personal protective equipment.

Methods for Cleaning Up

Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Handling	Always wear recommended Personal Protective Equipment.
Storage	Keep in properly labelled containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure controls

Exposure limits

Engineering Measures	Ensure adequate ventilation, especially in confined areas
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Personal protective equipment

Respiratory Protection	In case of insufficient ventilation wear suitable respiratory equipment.
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Hand Protection	Protective gloves.
Eye Protection	Safety glasses with side-shields.
Skin and Body Protection	Lightweight protective clothing.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.
Environmental Exposure Controls	Prevent product from entering drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form	Liquid
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Important Health Safety and Environmental Information

Boiling Point/Range	°C No data available	°F No data available
Melting Point/Range	°C No data available	°F No data available
Flash Point	°C No data available	°F No data available
Autoignition Temperature	°C No data available	°F No data available
Oxidizing Properties	No information available	
Water Solubility	No data available	

10. STABILITY AND REACTIVITY

Stability	Stable.
Materials to Avoid	No information available.
Hazardous decomposition products	No information available.
Polymerization	Hazardous polymerisation does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

**Principle Routes of Exposure/
Potential Health effects**

Eyes	May cause eye irritation with susceptible persons.
Skin.	No information available.
Inhalation	May be harmful by inhalation.
Ingestion	May be harmful if swallowed.

<u>Specific effects</u>	<u>(Long Term Effects)</u>
Carcinogenic effects	No information available.
Mutagenic Effects	No information available.
Reproductive Toxicity	No information available.
Sensitization	No information available.

Aggravated Medical Conditions No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity Effects	No information available.
Mobility	No information available.
Biodegradation	Inherently biodegradable.
Bioaccumulation	Does not bioaccumulate.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations

14. TRANSPORT INFORMATION

IATA

Proper Shipping Name	Not classified as dangerous in the meaning of transport regulations
Hazard Class	No information available
Subsidiary Class	No information available
Packing Group	No information available
UN-No	No information available

15. REGULATORY INFORMATION

International Inventories

U.S. Federal Regulations

SARA 313

This product is not regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contains HAPs.

U.S. State Regulations

California Proposition 65

This product does not contain chemicals listed under Proposition 65

WHMIS hazard class:

Non-controlled

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR

16. OTHER INFORMATION

For research use only

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 present unknown hazards and should be used with caution. Since the Company 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. THE INFORMATION IN THIS MSDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

End of Safety Data Sheet