



## SAFETY DATA SHEET

### SECTION 1 - SUBSTANCE IDENTITY AND COMPANY INFORMATION

**Product Name:** Bovine Calf Serum, Iron Fortified  
**ATCC Catalog #:** 30-2030

**COMPANY INFORMATION:** AMERICAN TYPE CULTURE COLLECTION  
PO BOX 1549  
MANASSAS, VA 20108

**FOR INFORMATION CALL:** 800-638-6597 or 703-365-2700  
**AFTER-HOURS CONTACT:** 703-365-2710

**CHEMTREC EMERGENCY:** 800-424-9300 or 703-527-3887

### SECTION 2 - HAZARDS IDENTIFICATION

**GHS Symbol:** NA  
**Signal Word:** NA

**HMIS Rating:** Health: 0 Flammability: 0 Reactivity: 0

**NFPA Rating:** Health: 0 Flammability: 0 Reactivity: 0

#### Routes of Exposure

**Skin Contact:** No information available.

**Skin Absorption:** No information available.

**Eye Contact:** No information available.

**Inhalation:** No information available.

**Ingestion:** May be harmful if swallowed.

**Chronic:** No Information Found

### SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

**Product name**

Synonyms: BCS

This substance contains no ingredients at concentrations to be considered hazardous as defined by OSHA 29CFR 1910.1200 however this product should be handled according to good lab practices, with proper personal protective equipment, proper engineering controls and within the parameters of the purchaser's chemical hygiene plan.

### SECTION 4 - FIRST AID MEASURES



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**Ingestion:** If person is unconscious seek emergency medical attention; never give anything by mouth to an unconscious person. If the person is conscious wash mouth out with copious amounts of water and call a physician. Do not induce vomiting unless directed to do so by a physician.

**Inhalation:** If person is unconscious seek emergency medical attention, if person is conscious remove to fresh air and call a physician.

**Dermal exposure:** Immediately wash skin with copious amounts of water followed by washing with soap and copious amounts of water. Remove all contaminated clothing.

**Eye exposures:** Flush eyes with copious amounts of water for at least 15 minutes with eyelids separated and call a physician.

**Notes to Physician:** Treat symptomatically and supportively.

### SECTION 5 - FIRE FIGHTING MEASURES

**General:** Wear Self-Contained breathing apparatus in pressure demand, MSHA/NIOSH approved. During a fire, irritating and toxic gases may be generated by thermal decomposition.

**Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding area.

**Special hazards arising from the substance or mixture:** Carbon oxides

**Autoignition Temperature:** N/A

**Explosion limits:** N/A

**Flash Point:** Not Available

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Use Personal Protective Equipment:** Including Chemical Splash Goggles, Chemical Resistant Gloves, and appropriate clothing to prevent skin exposure. In addition, a Respiratory protection program that complies with OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

**Spills:** Avoid creating Aerosols. Use an Inert Material to Absorb the Spill. Clean up spills immediately, observing precautions in the Sections 6 and 8. Provide ventilation. Don't let product enter drains.

### SECTION 7 - HANDLING AND STORAGE



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**Handling:** No special handling advice is required.

**Storage:** Keep in properly labeled containers. Keep container tightly closed in a dry well-ventilated place. Containers that are opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage temperature -20°C

### SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** General industrial hygiene practice.

**Personal Protective Equipment:**

**Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection**

Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure**

Do not let product enter drains.

**Exposure Limits:** No exposure limits for this material have been established by ACGIH, NIOSH, or OSHA. There are no Vacated OSHA PEL for this material.

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** liquid



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No Information is available for PH, Vapor Pressure, Vapor Density, Evaporation Rate, Viscosity, Boiling Point, Freezing/Melting Point, Decomposition Temperature, Solubility, Specific Gravity/Density, or Molecular Weight.

### SECTION 10 - STABILITY AND REACTIVITY

**Chemical Stability:** Stable

**Conditions to Avoid:** No information available.

**Hazardous Decomposition Products:** In the event of fire: See section 5

**Hazardous Polymerization:** Will not occur.

**Incompatible Materials:** Strong oxidizing agents.

### SECTION 11 - TOXICOLOGICAL INFORMATION

No Information was found in relation to: RTECS, LD50/LC50, Carcinogenicity, Epidemiology, Teratogenicity, Reproductive effects, Mutagenicity, or Neurotoxicology.

Note: The toxicological properties of this substance have not been fully investigated.

### SECTION 12 - ECOLOGICAL INFORMATION

This is an inherently nontoxic liquid that is inherently biodegradable and does not bioaccumulate.

### SECTION 13 - DISPOSAL CONSIDERATIONS

Hazardous waste generators are required to determine if a discarded chemical is classified as a hazardous waste according to 40 CFR Part 261.3. In addition waste generators must consult about and comply with all state and local regulations to ensure compliance.

### SECTION 14 - TRANSPORT INFORMATION

Land Transport (ADR/RID): Not a dangerous good in sense of this transport regulation.  
Inland Water ways transport (ADN): Not a dangerous good in sense of this transport regulation.  
Sea Transport (IMDG): Not a dangerous good in sense of this transport regulation.  
Air Transport (ICAO-TP / IATA-DGR): Not a dangerous good in sense of this transport regulation  
DOT Classification: Not a DOT controlled material (United States)



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### SECTION 15 - REGULATORY INFORMATION

This substance is not listed on the TSCA Inventory. It is for research and development use only.  
This substance is not SARA listed.

US Federal Regulations: SARA 313: This product is not regulated by SARA CAA, Section 112, Hazardous Air Pollutants (HAPs) (40 CFR 61): This product does not contain HAPs.

US State Regulations: California Proposition 65: This product does not contain chemicals listed under Proposition 65.

### SECTION 16 - OTHER INFORMATION

THE INFORMATION PRESENTED IN THIS DOCUMENT IS BELIEVED TO BE CORRECT BASED UPON DATA AVAILABLE TO ATCC. USERS SHOULD MAKE AN INDEPENDENT DECISION REGARDING THE ACCURACY OF THIS INFORMATION BASED ON THEIR NEEDS AND DATA AVAILABLE TO THEM. ALL SUBSTANCES AND MIXTURES MAY PRESENT UNKNOWN HAZARDS AND ALL NECESSARY SAFETY PRECAUTIONS SHOULD BE TAKEN. ATCC ASSUMES NO LIABILITY RESULTING FROM USING OR COMING IN CONTACT WITH THIS SUBSTANCE.

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