

Material Safety Data Sheet (MSDS)

1. Product and Company Information

Manufacturer's Name:
Hemostat Laboratories, Inc

Address:
515 Industrial Way Dixon, CA 95620

Emergency Telephone Number:
911

Telephone Number:
800-572-6888

Date Prepared:
February 19, 2019

PRODUCT IDENTITY (as used on label and list):

<u>Defibrinated Horse Blood:</u>	<u>DHB</u>
<u>Horse Blood in Alsevers:</u>	<u>HBA</u>
<u>Horse Blood in Citrate:</u>	<u>HBC</u>
<u>Horse Blood in Heparin:</u>	<u>HBH</u>
<u>Laked Horse Blood:</u>	<u>LHB</u>
<u>Sterile Horse Plasma:</u>	<u>SHP</u>
<u>Sterile Horse Serum:</u>	<u>SHS</u>

2. Composition and information on ingredients

Hazardous Components (Specific Chemical Identity: Common Names(s)): Aseptically collected horse blood

3. Hazards identification

This product contains material of animal (horse) origin and should be handled as a potential carrier and transmitter of disease.

4. First-aid measures

Eye Contact:	Flush eyes with plenty of water
Skin Contact:	Flush skin with plenty of water and antibacterial soap
Ingestion:	If swallowed, wash out mouth with water—consult with a physician
Emergency First Aid Procedures:	Consult with a physician

5. Firefighting measures

Flash Point (method used):	Substance/preparation not conductive to fire
Extinguishing Media:	No restriction
Unusual Fire and Explosion Hazards:	None
Flammable Limits:	N/A
Special Fire Fighting Procedures:	N/A

6. Accidental release measures

In Case of Leak or Spill:

Wipe area with absorbent cloth or paper towel.
Follow with laboratory disinfectant. In case of bodily contact, remove contaminated clothing and wash affected areas of body.

7. Handling and storage

Precautions to be Taken:

Wash hands with antibacterial soap after use. Make sure the product is stored at the appropriate temperature of 2-8°C and away from heat and light. Keep tightly closed when not in use. Avoid repeated freeze/thaw cycles. Liquid/fresh blood is viable for up to 2 weeks from ship date, frozen/lysed/serum/plasma blood is viable for one year from ship date.

8. Exposure controls and personal protection

Respiratory Protection (specify type): Not Necessary
Ventilation: Ventilated area
Protective Gloves: Recommended
Other Protective Clothing or Equipment: Laboratory coat, safety goggles

9. Physical and chemical properties

Physical State: Liquid
Vapor Pressure: N/A
Freezing Point: N/A
Odor and Appearance: N/A
Red Liquid
Vapor Density: N/A
pH Neutral (7)

Odor Threshold: N/A
Evaporation Rate: N/A
Coefficient of water/oil distribution:
Specific Gravity: N/A
Boiling Point: N/A
Other: N/A

10. Stability and reactivity

Stability: Stable
Incompatibility (Materials to Avoid): None
Conditions to Avoid: None
Hazardous Decomposition: None

11. Toxicological information

Routes of Entry: Skin or eye contact from splashes
Health Hazards (Acute and Chronic): Potential immune reaction, potential endotoxic response. May cause irritation if ingested—animal source material.
Signs and Symptoms of Exposure: May cause irritation of eyes.

12. Ecological information

Data not yet available.

13. Disposal considerations

Waste Disposal Method:

Dispose in accordance with local environmental regulations. It is recommended to autoclave empty bags and unused material at 15 lbs for 30 minutes.

14. Transport information

US DOT Hazard Classification / IATA AIR TRANSPORTATION

Proper shipping name: Biological Substance

Category BUN Number: UN3373

Hazard Class: Class 6.2

DOT Packaging requirements: Not applicable

15. Regulatory information

OSHA Process Safety Standard: This material is not known to be hazardous by the OSHA Highly Hazardous Process Safety Standard, 29CFR 1910.119.

16. Other information

Hemostat Laboratories provides defibrinated sheep blood and other quality animal blood products for cell culture, diagnostic and veterinary applications.

LABORATORIES