



Material Safety Data Sheet (MSDS)

PRODUCT IDENTITY (as used on label and list):

Bovine Blood in Alsevers	CL1700-50/100/250/500/1000A
Citrated Bovine Blood	CL1700-100/500/1000C
Defibrinated Bovine Blood	CL1700-100/500/1000D
Laked Bovine Blood	CL1700-100/500/1000L

SECTION 1 -- SUPPLIER INFORMATION

Manufacturer's Name:

Cedarlane Corporation

Supplier's Name:

Same as above

Address:

4410 Paletta Court
Burlington, Ontario, Canada, L7L 5R2

Emergency Telephone Number:

CANUTEC - 613-996-6666

Telephone Number:

289-288-0001

Date Prepared:

September 2, 2014

SECTION 2 – HAZARDOUS INGREDIENT INFORMATION

Hazardous Components (Specific Chemical Identity: Common Names(s)):

Aseptically collected bovine blood

Other Comments:

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

SECTION 3 – PHYSICAL AND CHEMICAL CHARACTERISTICS

<i>Physical State:</i>	Liquid	<i>Odour Threshold:</i>	N/A
<i>Vapour Pressure:</i>	N/A	<i>Evaporation Rate:</i>	N/A
<i>Freezing Point:</i>	N/A	<i>Coefficient of</i>	N/A
<i>Odour and</i>	Red Liquid	<i>water/oil distribution:</i>	
<i>Appearance:</i>		<i>Specific Gravity:</i>	N/A
<i>Vapour Density:</i>	N/A	<i>Boiling Point:</i>	N/A
<i>pH</i>	Neutral (7)	<i>Other:</i>	N/A

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

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

SECTION 5 – REACTIVITY DATA

Stability:

Stable

Incompatibility (Materials to Avoid):

None

Conditions to Avoid:

None

Hazardous Decomposition or Byproducts:

None

Note: The above mentioned data are based on our present knowledge of this product. Since the use of this information and conditions of use of the product are not within the control of Cedarlane Corporation, it is the user's responsibility to handle the product under conditions of safe use.



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SECTION 6 – TOXICOLOGICAL PROPERTIES

<i>Routes of Entry:</i>		Skin or eye contact from splashes	
<i>Health Hazards (Acute and Chronic):</i>		Potential immune reaction, potential endotoxic response. May cause irritation if ingested—animal source material.	
<i>Signs and Symptoms of Exposure:</i>		May cause irritation of eyes	
<i>Medical Conditions Generally Aggravated by Exposure:</i>		Contact hypersensitivity	
<i>Carcinogenicity:</i>	No information	<i>Teratogenicity:</i>	No
<i>Reproductive:</i>	No information	<i>Mutagenicity:</i>	No

SECTION 7 – PREVENTATIVE MEASURES

<i>Respiratory Protection (specify type):</i>	Not necessary
<i>Ventilation:</i>	Ventilated area
<i>Protective Gloves:</i>	Recommended
<i>Other Protective Clothing or Equipment:</i>	Laboratory coat, safety goggles
<i>Steps To Be Taken In Case of Leak or Spill:</i>	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.
<i>Waste Disposal Method:</i>	Dispose in accordance with local environmental regulations. It is recommended to autoclave empty bags and unused material at 15 lbs. for 30 minutes.
<i>Precautions to be Taken in Handling and Storage:</i>	Wash hands with antibacterial soap after use. Make sure that the product is stored at the appropriate temperature of 2-8°C and away from heat and light. Avoid repeated freeze/thaw cycles.

SECTION 8 – FIRST AID MEASURES

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

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