



Material Safety Data Sheet

Part Numbers A5000.01, A5000.02, A5000.03, A5000.04 Rev 1

Section 1 Product and Company Information

Product Name	Dog Control Levels 1,2,3,4 (Canine Serum)
Company Address	Bioresource Technology Inc. 1800 North Commerce Parkway Weston, Florida 33326
Technical Phone	800-553-5975
Fax	954-792-0830
Emergency Phone	954-792-5222

Section 2 Composition/Information on Ingredient

Substance Name	CAS#
Canine Serum	None

Chemical Family Canine Source Material

Section 3 Hazards Identification

Product possibly irritating to eyes, respiratory system and skin

Carcinogenic Effects: Not available

Mutagenic Effects: Not available

Teratogenic Effects: Not available

Developmental Toxicity: Not available

Section 4 First Aid Measures

Oral Exposure

If swallowed, wash out mouth with water provided person is conscious. Call a physician immediately.



Inhalation Exposure

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Dermal Exposure

In case of skin contact, immediately wash skin with soap and copious amounts of water.

Eye Exposure

In case of contact with eyes, immediately flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers.

Section 5 Fire Fighting Measures

Flash Point

N/A

Autoignition Temp

N/A

Flammability

N/A

Extinguishing Media

Suitable: Use extinguishing media appropriate to surrounding fire conditions.

Firefighting

Protective Equipment: Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific Hazards: Emits toxic fumes under fire conditions.

Section 6 Accidental Release Measures

Methods for Cleaning Up

Absorb on sand or vermiculite and place in a bag and hold for waste disposal

Wash spill site with 10% bleach and ventilate area after material pickup is complete.



Section 7 Handling and Storage

Handling

User Exposure: Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.

Storage

Keep tightly closed.

Store frozen at $\leq -60^{\circ}\text{C}$

Section 8 Exposure Controls/ PPE

Engineering Controls

Safety shower and eye bath. Mechanical exhaust required.

Chemical safety goggles. Compatible chemical resistant gloves

Personal Protective Equipment

Respiratory: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator.

Hand: Compatible chemical resistant gloves

Eye: Chemical safety goggles

General Hygiene Measures

Wash thoroughly after handling.

Section 9 Physical/ Chemical Properties

Appearance Physical State: Frozen Liquid in Amber Vial

Property	Value
BP/BP range	N/A
MP/MP range	N/A
Freezing Point	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Saturated Vapor Conc.	N/A
Bulk Density	N/A
Odor Threshold	N/A
Volatile%	N/A



Property	Value
VOC Content	N/A
Water content	N/A
Solvent Content	N/A
Evaporation Rate	N/A
Viscosity	N/A
Surface Tension	N/A
Partition Coefficient	N/A
Decomposition Temp.	N/A
Flash Point	N/A
Explosion Limits	N/A
Flammability	N/A
Autoignition Temp.	N/A
Refractive Index	N/A
Optical rotation	N/A
Solubility	N/A

N/A = not available

Section 10 Stability and Reactivity

Stability: Stable

Materials to avoid: Strong oxidizing agents.

Hazardous Decomposition Products

Nature of decomposition products not known.

Hazardous Polymerization

Will not occur.

Section 11 Toxicological Information

Skin Contact: May cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: May cause eye irritation.

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

Conditions Aggravated by Exposure

The toxicological properties have not been thoroughly investigated.



Section 12 Ecological Information

No data available.

Section 13 Disposal Considerations

Appropriate Method of Disposal of Substance or Preparation:
Observe all federal, state and local environmental regulations.

Section 14 Transport Information

DOT

Proper Shipping Name: None

Non-Hazardous for transport: This substance is considered to be non-hazardous for transport.

IATA

Non-Hazardous for Air Transport: Non-hazardous for air transport/

Section 15 Regulatory Information

United States Regulatory Information

TSCA 8(b) inventory: No products were found

Canada Regulatory Information

WHMIS Classification: Not available

EEC Regulatory Information: Not available

HMIS (USA):

Health Hazard: 0

Fire Hazard: 0

Reactivity: 0

National Fire Protection Association (USA):

Health: 0

Flammability: 0

Reactivity: 0