SAFETY DATA SHEETS

This SDS packet was issued with item:

078576622

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

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Date of Issue: 1 July2009

PRODUCT: CANIPLAS CANINE FRESH FROZEN PLASMA

SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product (material) name:	Caniplas Fresh Frozen Canine Plasma
Other names:	None known
Recommended use:	Caniplas may aid in the treatment of various conditions in dogs in which the administration of fresh frozen plasma would be considered desirable, e.g. severe Pancreatitis, Parvovirus enteritis, Coagulopathies, Hypoproteinaemia, major tissue trauma or surgery, and Disseminated Intravascular Coagulation (DIC).
Supplier Details:	Plasvacc Pty Ltd 6066 Cunningham Highway KALBAR QLD 4309
Emergency Telephone Number:	1800 752 762
Facsimile Number:	(07) 5463 7770
Contact Person:	Dr Ross Wilson
Emergency Telephone:	1800 752 762

SECTION 2 HAZARDS IDENTIFICATION

This product is not classified as dangerous goods under the *Australian Dangerous Goods Code* and is not classified as hazardous according to the classification criteria of NOHSC:1008(2004), *Approved Criteria For Classifying Hazardous Substances and the National Code of Practice for the Preparation of Material Safety Data Sheets*, 2nd Edition.

Health Effects:	Product has no known adverse health effects.
Acute:	
Swallowed:	No adverse health effects expected.
Eye:	None known
Skin:	None known
Inhaled:	None known.
Chronic:	None known

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Cas No.	Proportion
Fresh frozen canine plasma containing anti-coagulant	Not applicable	100%

SECTION 4 FIRST AID MEASURES

The following First Aid directions have been set by the Office of Chemical Safety (OCS) of the Commonwealth Department of Health and Aging:

If poisoning occurs, contact a doctor or Poisons Information Centre. Telephone 131126. (*FAISD Handbook, Handbook of First Aid Instructions, Safety Directions, Warning Statements, and General Safety Precautions for, Agricultural and Veterinary Chemicals)*

Advice to Doctor: Treat symptomatically

SECTION 5 FIRE FIGHTING MEASURES

Non-flammable. Water-based product with non-flammable dissolved solids.

Suitable extinguishing media:	Use extinguishing media suitable for surrounding fire
Hazards from combustion products:	None known
Special protective precautions and equipment for fire fighters:	Use precautions and equipment appropriate for the surrounding fire.

Obtained by Global Safety Management, Inc. (www.globalsafetynet.com)

SECTION 6 ACCIDENTAL RELEASE MEASURES

Emergency procedures: This product is supplied and transported frozen in individual plastic blood transfer bags of 100mL and 200mL. If product thaws and bags are ruptured, product is not hazardous but may cause surfaces to become slippery. Contain thawed material with inert absorbent material (sand, vermiculite etc).

Methods and materials for containment and clean up: Collect any spilled frozen plasma in containers for disposal at a local authority landfill. Absorb spilled thawed plasma with inert absorbent material (sand, vermiculite etc) and collect in appropriate containers for disposal.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling: No special precautions required.

Conditions for safe storage, including any incompatibilities: The Australian Pesticides & Veterinary Medicines Authority (APVMA) has recommended the following storage directions for this product:
Store below -5°C (Freeze)

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards: None allocated
Biological limit values: None allocated
Engineering controls: No special ventilation required. However, spills could result in a slippery surface and may lead to physical injury due to falls. Use non-skid surface coatings such as seamless epoxy where spills may occur.
Personal protective equipment: No specific protective clothing is required.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Straw coloured liquid (90% - 92% water) when thawed
pH: 7.4
Specific Gravity: 1.03
Solubility in Water: Water miscible.

SECTION 10 STABILITY AND REACTIVITY

Chemical stability: Stable
Conditions to avoid: None known
Incompatible materials: None known
Hazardous decomposition products: None known
Hazardous reactions: None known

SECTION 11 TOXICOLOGICAL INFORMATION

Health effects from the likely routes of exposure.
This product is a canine blood product and is not expected to have any health implications for humans handling or administering the material.

SECTION 12 ECOLOGICAL INFORMATION

This product is a canine blood product. Release of product into the environment is not expected to have any adverse effects. Effects are expected to be similar to distributing animal derived fertilisers such as blood and bone.

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SECTION 13 DISPOSAL CONSIDERATIONS

Disposal methods and containers: Dispose of used containers by wrapping in paper and placing in garbage. Dispose of unused product at local authority landfill.

Special precautions for landfill or incineration: None required

SECTION 14 TRANSPORT INFORMATION

There are no transport hazards associated with this product. It is not specifically regulated under any transport legislation. It is not classified as dangerous goods under the *Australian Dangerous Goods Code*.

SECTION 15 REGULATORY INFORMATION

This product has been registered by the Australian Pesticides and Veterinary Medicines Authority (APVMA). In granting registration to any product, the APVMA has exercised its legislative responsibility to ensure that the product is suitably formulated and properly labelled and, when used according to instructions is:

- safe to the host, the user, consumers and the environment;
- efficacious (that is, the product does the job it claims it shall do); and
- not unduly prejudicial to trade.

The APVMA uses the services of a number of Australian and State government agencies as advisers to help with some of these evaluations of applications for registration of agricultural and veterinary chemical products. These include:

- the Office of Chemical Safety (OCS) of the Commonwealth Department of Health and Ageing which:
  - evaluates and reports on toxicology and metabolism studies; proposes first aid and safety directions; determines poison schedule classifications; and establishes acceptable daily intakes (ADIs) and acute reference doses (ARfD); and
  - evaluates the occupational health and safety aspects of an application and recommends safety directions and occupational controls on use and advises on a Material Safety Data Sheet (MSDS);
- the Commonwealth Department of the Environment and Heritage (DEH) which evaluates environmental data and recommends appropriate use controls and instructions for the product that will protect the environment; and
- State and Territory departments responsible for agricultural and primary industries which evaluate and reports on efficacy and target crop or animal safety data for new agricultural chemicals and new uses of registered products. In some cases the APVMA contracts this work out to other agencies such as universities, the CSIRO or to other experts.

SECTION 16 OTHER INFORMATION

Date of last revision of the MSDS: 1 July 2009.

CONTACT POINT

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Phone: 1800 752 762

Heather Alspach, Business Manager
Plasvacc USA Inc
(805) 434-0321

References:

1. FAISD Handbook, Handbook of First Aid Instructions, Safety Directions, Warning Statements, and General Safety Precautions for, Agricultural and Veterinary Chemicals, March 2005
2. Approved Criteria For Classifying Hazardous Substances, NOHSC:1008 (2004)
3. National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011 (2003)]
4. AICS (Australian Inventory of Chemical Substances)

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5. APVMA Manual of Requirements and Guidelines for Agricultural Chemicals, October 2005
6. ADI [Acceptable Daily Intake] List, Commonwealth Department of Health & Aged Care, TGA, August 2001
7. The Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) 6th Edition
8. Hazardous Substances Information System, Version 1.2.2 (September 2004), Last Updated – November 2005, NOHSC
9. Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) No. 20, National Drugs and Poisons Schedule Committee (NDPSC), Commonwealth Department of Health & Aged Care

All information contained in this Material Safety Data Sheet is as accurate and up to date as possible. Since Plasvacc Pty Ltd cannot anticipate or control the conditions under which this information may be used, each user should review the information in the specific context of the intended application. Plasvacc Pty Ltd will not be responsible for damages of any nature resulting from use of or reliance upon the information. No expressed or implied warranties are given other than those implied as mandatory by Commonwealth State or Territory legislation.

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