



MATERIAL SAFETY DATA SHEET (MSDS)/SAFETY DATA SHEET (SDS)

VetScan® – Canine Ehrlichia Antibody Test Kit

I. Product and Company Identification

Product Name: VetScan® – Canine Ehrlichia Antibody Test Kit
A point of care veterinary blood diagnostic product

Part Numbers: 510-002-5 (test kit 5 Pack), 510-0002-25 (test kit 25 Pack), 500-1002 (single test device), 510-3003 (Ehrlichia Chase Buffer)

Company Information:

Abaxis, Inc.	Abaxis Europe GmbH
3240 Whipple Road	Bunsenstr. 9-11
Union City, CA 94587	64347 Griesheim, Germany
Tel: +1-510-675-6500	Tel: +49 6155 780 21 0 (EU)
Fax: +1-510-441-6150	Fax: +49 6155 780 21 111

Customer Support: +1-800-822-2947 (US), Tel: +49 6155 780 21 0 (EU)
abaxis@abaxis.com abaxis@abaxis.de

Emergency Number: +1-800-822-2947 (US)
This number is available only during business hours
(9:00am to 5:00pm UTC)

II. Hazard Identification

OSHA Hazards: No known OSHA hazards

GHS Hazards: Not a dangerous or hazardous substance or preparation according to the Global Harmonized System (GHS).

HMIS Ranking:

<i>Health hazard</i>	1
<i>Flammability</i>	0
<i>Physical hazards</i>	0

NFPA Rating:

<i>Health hazard</i>	1
<i>Fire</i>	0
<i>Reactivity hazard</i>	0

Potential Health Effects:
Not known to produce adverse health effects



MATERIAL SAFETY DATA SHEET (MSDS)/SAFETY DATA SHEET (SDS)

VetScan® – Canine Ehrlichia Antibody Test Kit

III. Composition/ Information on Ingredients

This product consists of a test strip encased in a plastic cassette. A buffer solution accompanies the test strip with the following components.

TABLE 1

NAME OF SUBSTANCE	%	CAS#	EC#	HAZARD
Dibasic Sodium phosphate	3.0	7558-79-4	231-448-7	Skin Irrit. 2
Octyl-glucoopyranoside	1.0	29836-26-8	249-887-8	Skin Irrit. 2
Tween 80	2.0	9005-65-6	500-019-9	Skin Irrit. 2
Sodium chloride	8.8	7647-14-5	231-598-3	Skin Irrit. 2
Fish Gelatin	3.0	9000-70-8	232-554-6	Skin Irrit. 2

IV. First Aid Measures

In case of eye contact: Flush eyes with water for a recommended 15 minutes
In case of inhalation: Remove to fresh air and contact a physician
In case of skin contact: Flush eyes with water for a recommended 15 minutes
In case of ingestion: Contact a physician in case of ingestion

V. Fire-Fighting Measures

No flammable properties are associated with this product.

Extinguishing media: Use water spray, dry chemical or carbon dioxide
Hazardous combustion products: May result in the formation of nitrogen and carbon oxides
Special protective equipment for firefighters: Wear self-contained breathing apparatus for firefighting if necessary
Additional information: Plastic cartridge emits fumes under fire

VI. Accidental Release Measures

Personal precautions:
Eye Protection Wear safety goggles or a face shield when cleaning up spills
Skin Protection Wear protective attire that prevents contamination of skin and personal clothing
Hand Protection Wear nitrile or vinyl gloves that cover exposed skin
Other Protections Avoid breathing mists, dusts, and aerosols
Environmental Controls: Prevent spilled product from entering drains



MATERIAL SAFETY DATA SHEET (MSDS)/SAFETY DATA SHEET (SDS)

VetScan® – Canine Ehrlichia Antibody Test Kit

Spill Clean-up Measures: Contain the material to prevent it from becoming airborne
Place absorbent material on top of, and around the perimeter of the spill
Sweep up the spilled material and decontaminate the area with soap and water or an equivalent cleaner

VII. Handling and Storage

The Test Devices and Chase Buffer must be stored at 2°C to 27°C (35°F to 80°F) and never frozen. Follow safe chemical handling procedures for handling and storage.

VIII. Exposure Controls/Personal Protection

None of the chemicals in this preparation are assigned occupational exposure limits. This product can be safely handled under normal conditions.

Engineering Controls: Provide ventilation in work areas where this product is handled

Personal Protective Equipment: Safety glasses and chemical-resistant gloves recommended

IX. Physical and Chemical Properties

Physical state: The kit includes test devices (which consist of nitrocellulose test strip encased in a plastic cassette), a Chase buffer bottle (liquid), and transfer pipettes

Odor threshold: None established

Chemical Properties: None available for:

- pH
- Melting point
- Boiling point
- Flash point
- Lower Explosive Limit
- Upper Explosive Limit
- Vapor pressure
- Vapor density (air=1)
- Density (g/cm³)
- Water solubility (20°C in g/l)
- Auto ignition temperature



MATERIAL SAFETY DATA SHEET (MSDS)/SAFETY DATA SHEET (SDS)

VetScan® – Canine Ehrlichia Antibody Test Kit

X. Stability and Reactivity

<u>Reactivity:</u>	This preparation is not known to be violently reactive
<u>Chemical Stability:</u>	This preparation is known to be chemically stable
<u>Thermal Decomposition:</u>	Will decompose when burned
<u>Conditions to Avoid:</u>	Excess heat or flame
<u>Incompatible Materials:</u>	No data available
<u>Hazardous Decomposition Products:</u>	No harmful decomposition products known
<u>Storage Conditions:</u>	Follow manufacturer's PI instructions for storage.

XI. Toxicological Information

Toxicological properties have not been investigated for the test strip. Table 2 below lists the chemicals contained in the buffer and their toxicology information:

TABLE 2

NAME OF SUBSTANCE	ACUTE TOXICITY LD ₅₀ / LC ₅₀	CHRONIC TOXICITY (CMR) ¹
Dibasic Sodium phosphate	12,930 mg/ kg (Oral, Rat)	No data available
Sodium chloride	3000 mg/kg (Oral, Rat)	No data available

XII. Ecological Information

No information found. This preparation is not anticipated to present adverse ecotoxicological effects.

XIII. Disposal Considerations

<u>Waste Treatment Methods:</u>	Check regional waste requirements
<u>Waste Treatment Options:</u>	Treatment options approved by local authorities
<u>Sewage Disposal Options:</u>	Check with local authorities before discharge to the sewer
<u>Other Disposal Recommendations:</u>	Dispose of according to local, state, and national regulatory requirements
<u>U.S. Waste Classification:</u>	Biological waste after use
<u>California Waste Codes:</u>	None



MATERIAL SAFETY DATA SHEET (MSDS)/SAFETY DATA SHEET (SDS)

VetScan® – Canine Ehrlichia Antibody Test Kit

XIV. Transport Information

Follow federal and local regulations

DOT and IATA Shipping Information:

Not regulated as a dangerous good

ADR Information:

Not applicable

IMDG:

Not a dangerous good

XV. Regulatory Information

US OSHA:

Not regulated as a hazardous material

US EPA:

Hazards to the environment have not been thoroughly investigated

EU Regulations:

This material safety data sheet conforms to Regulation (EC) No 1272/2008, 1907/ 2006, and other requirements established by the European Union

National Regulations:

None found

Chemical Safety Assessment:

A Chemical Safety Assessment has not been completed for this product

XVI. Other Information

The above information is believed to be correct but does not purport to be inclusive and shall be used only as a guide. Abaxis shall not be held liable for any damage resulting from handling or from contact with the above product.