I. Product and Company Identification

**Product Name:** VetScan® – cPL Test Kit
A point of care veterinary blood diagnostic product

**Part Numbers:** 510-0005-5 (test kit 5 Pack), 510-0005-10 (test kit 10 Pack)

**Company Information:**
Abaxis, Inc.
3240 Whipple Road
Union City, CA 94587
Tel: +1-510-675-6500
Fax: +1-510-441-6150
abaxis@abaxis.com

ABAXIS Europe GmbH
Bunsenstr. 9-11
64347 Griesheim, Germany
Tel: +49 6155 780 21 0 (EU)
Fax: +49 6155 780 21 111
abaxis@abaxis.de

**Customer Support:**
+1-800-822-2947 (US),
abaxis@abaxis.com

**Emergency Number:**
+1-800-822-2947 (US)
+49 6155 780 21 0 (EU)
This number is available only during business hours
(9:00am to 5:00pm CET)

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:**
- Health hazard: 1
- Flammability: 0
- Physical hazards: 0

**NFPA Rating:**
- Health hazard: 1
- Fire: 0
- Reactivity hazard: 0

**Potential Health Effects:**
Not known to produce adverse health effects
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**

<table>
<thead>
<tr>
<th>NAME OF SUBSTANCE</th>
<th>%</th>
<th>CAS#</th>
<th>EC#</th>
<th>HAZARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tween-80, 10% solution</td>
<td>40.00</td>
<td>9005-65-6</td>
<td>500-019-9</td>
<td>None</td>
</tr>
<tr>
<td>Sodium Chloride</td>
<td>11.70</td>
<td>7647-14-5</td>
<td>231-598-3</td>
<td>None</td>
</tr>
<tr>
<td>Fish Gelatin</td>
<td>6.00</td>
<td>9000-70-8</td>
<td>232-554-6</td>
<td>None</td>
</tr>
<tr>
<td>Polyethylene Glycol 8000</td>
<td>6.00</td>
<td>25322-68-3</td>
<td>200-338-0</td>
<td>None</td>
</tr>
<tr>
<td>n-Octyl-glucopyranoside</td>
<td>1.00</td>
<td>29836-26-8</td>
<td>249-887-8</td>
<td>None</td>
</tr>
<tr>
<td>Sodium Phosphate, Dibasic</td>
<td>0.28</td>
<td>7558-79-4</td>
<td>231-448-7</td>
<td>None</td>
</tr>
<tr>
<td>Proclin 300</td>
<td>0.10</td>
<td>55965-84-9</td>
<td></td>
<td>Severe skin burns, serious eye damage, harmful if inhaled, harmful if swallowed.</td>
</tr>
<tr>
<td>Sodium Azide</td>
<td>0.05</td>
<td>26628-22-8</td>
<td></td>
<td>Severe skin burns, serious eye damage, harmful if inhaled, harmful if swallowed.</td>
</tr>
</tbody>
</table>

V. 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

VI. 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

VII. 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

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

VIII. Handling and Storage

The Test Devices and Chase Buffer must be stored at 2°C to 30°C (35°F to 86°F) and never frozen. Follow safe chemical handling procedures for handling and storage.

IX. 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

X. 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

XI. Stability and Reactivity

Reactivity: This preparation is not known to be violently reactive
Chemical Stability: This preparation is known to be chemically stable
Thermal Decomposition: Will decompose when burned
Conditions to Avoid: Excess heat or flame
Incompatible Materials: No data available
Hazards Decomposition Products: No harmful decomposition products known

XII. 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

<table>
<thead>
<tr>
<th>NAME OF SUBSTANCE</th>
<th>ACUTE TOXICITY (LD₅₀/ LC₅₀)</th>
<th>CHRONIC TOXICITY (CMR)¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Azide</td>
<td>LD₅₀ Oral - Rat - 27 mg/kg</td>
<td>No data available</td>
</tr>
<tr>
<td>Proclin 300</td>
<td>LD₅₀ Oral - rat - 862 mg/kg</td>
<td>No data available</td>
</tr>
<tr>
<td></td>
<td>LD₅₀ Dermal - rabbit - 2,800 mg/kg</td>
<td>No data available</td>
</tr>
<tr>
<td>Sodium Chloride</td>
<td>LD₅₀ Oral – rat – 3,550 mg/kg</td>
<td>No data available</td>
</tr>
<tr>
<td></td>
<td>LD₅₀ Inhalation rat – 1 hr&gt;42,000 mg/m³</td>
<td>No data available</td>
</tr>
<tr>
<td>Tween-80, 10% solution</td>
<td>LD₅₀ Oral - Mouse - 25,000 mg/kg</td>
<td>No data available</td>
</tr>
</tbody>
</table>

XIII. Ecological Information

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

XIV. Disposal Considerations

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

XV. Transport Information

- **Follow federal and local regulations**
- **DOT and IATA Shipping Information:** Not regulated as a dangerous good
- **ADR Information:** Not applicable
- **IMDG:**

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TABLE 2: Table of acute and chronic toxicity data for various substances included in the VetScan® – cPL Test Kit. The table provides LD₅₀/ LC₅₀ values and indicates whether chronic toxicity data is available or not. Ecological information notes that the preparation is not anticipated to present adverse ecotoxicological effects. Disposal considerations outline regional and local disposal methods, options, and recommendations for sewage disposal. Transport information follows federal and local regulations, noting that the preparation is not regulated as a dangerous good.
Not a dangerous good

XVI. 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

XVII. 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.