Section 1—Identification of Substance and Supplier

PRODUCT NAME:    AQUAGUARD  
PRODUCT USE:     Organic antibacterial- Inhibits microorganisms in animal drinking water systems.

MANUFACTURER:    Animal Science Products, Inc.  
                  PO Box 631408  
                  Nacogdoches TX USA  75963-1408

TEL:  936-560-0003  
      800-657-2324  
FAX:  936-560-0157

Emergency: 24 Hour—Call Chemtrec  800-262-8200

Section 2—Hazards Identification

<table>
<thead>
<tr>
<th>GHS Classification: Health</th>
<th>Environmental</th>
<th>Physical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity:</td>
<td>Acute Toxicity:</td>
<td></td>
</tr>
<tr>
<td>Skin Irritation:</td>
<td>Chronic Toxicity:</td>
<td></td>
</tr>
<tr>
<td>Skin Sensitization:</td>
<td>Other:</td>
<td></td>
</tr>
<tr>
<td>Eyes:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WHMIS Classification</th>
<th>NFPA Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health: 1</td>
<td>Health: 0</td>
</tr>
<tr>
<td>Flammability: 0</td>
<td>Flammability: 0</td>
</tr>
<tr>
<td>Reactivity: 0</td>
<td>Reactivity: 0</td>
</tr>
<tr>
<td>PPE: 0</td>
<td>Other: 0</td>
</tr>
</tbody>
</table>

Hazard Statements
Can cause eye irritation  
Can cause skin irritation, redness and pain  
Can cause gastrointestinal disturbances  
Can cause lung irritation

Precautionary Statements
Avoid contact with skin, eyes, and clothing. Do not breathe mist. Use with adequate ventilation. Wash thoroughly after handling. Store in a cool, dry and ventilated area.
Animal Science Products, Inc.    Safety Data Sheet

Section 3—Composition and Hazardous Ingredient Information
Propionic acid
Ammonium Hydroxide
Water
The identity of individual components of this mixture is proprietary information and is regarded to be a trade secret pursuant to Section 1910.1200 of Title 29 of the Code of Federal regulations.

Section 4—First Aid Measures

Contact with eyes:  Flush eyes immediately with copious amounts of water for at least 15 minutes with eyelids spread apart. Washing within one minute is essential to achieve maximum effectiveness. Get immediate medical attention after flushing or if irritation persists.

Skin contact:  Wash affected area thoroughly with soap and water. If irritation should develop, get medical attention.

Inhalation:  Remove person to fresh air.

Ingestion:  May cause upset stomach. Consult a physician.

Section 5—Fire Fighting Measures

Suitable Extinguishing Media:  Any suitable means to extinguish the surrounding fire.
Unsuitable Extinguishing Media:  N/A
Exposure Hazards:  N/A
Combustion Products:  Not combustible.
Protection for Firefighters:  None

Section 6—Accidental Release Measures

Personal Precautions:  Avoid contact with skin, eyes, and clothing. Do not breathe mist. Use with adequate ventilation. Wash thoroughly after handling. Store in a cool, dry and ventilated area. Stable under normal conditions.

Environmental Precautions:  Ventilate area, sweep up with adsorbent material and dispose.

Clean-up Methods:  Ventilate area, sweep up with adsorbent material and dispose.

Materials to avoid during cleanup:  None
Section 7—Handling and Storage
Handling: Avoid contact with skin, eyes, and clothing. Do not breathe mist. Use with adequate ventilation. Wash thoroughly after handling.

Storage: Store in a cool, dry and ventilated area.

Section 8—Precautions to control exposure and PPE
Exposure Limits: N/A

Engineering Controls: Good industrial hygiene practices should be maintained.

Personal Protective Equipment
Eyes: Safety glasses/goggles recommended.
Skin: Rubber gloves recommended.
Respiratory: Wear a NIOSH approved respirator for mist as conditions indicated. Local exhaust ventilation recommended.

Section 9—Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Red liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Slightly sweet aroma</td>
</tr>
<tr>
<td>pH</td>
<td>N/A</td>
</tr>
<tr>
<td>Melting/Freezing point</td>
<td>N/A</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>113°C</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not flammable.</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.05</td>
</tr>
<tr>
<td>Solubility</td>
<td>100% in water.</td>
</tr>
<tr>
<td>Flammability</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>N/A</td>
</tr>
</tbody>
</table>
Section 10—Stability and Reactivity

Stability: Product is stable under ordinary conditions of use and storage.
Hazardous Decomposition Products: None.
Conditions to avoid: None known.
Incompatible materials: None.

Section 11—Toxicological Information

Likely routes of exposure: Eyes, skin, ingestion, inhalation.
Acute symptoms and effects: Possible irritation of the skin, eyes and respiratory tract.
  Inhalation: Continuous exposure may cause lung irritation.
  Eye contact: Can cause eye irritation.
  Skin contact: Can cause skin irritation, redness, and pain.
  Ingestion: Can cause gastrointestinal disturbances.
Chronic (long term) effects: Swallowing large amounts may cause irritation of the gastrointestinal tract.

<table>
<thead>
<tr>
<th>Reproductive effects</th>
<th>Teratogenicity</th>
<th>Mutagenicity</th>
<th>Embryotoxicity</th>
<th>Sensitization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
</tbody>
</table>

Section 12—Ecological Information

Ecotoxicity: None known
Mobility: None known
Degradability: None known
Bioaccumulation: None known

Section 13—Disposal considerations

Dispose in approved facility in accordance with federal, state, and local regulations.

Section 14—Transportation information


  Proper Shipping Name: Organic Antibacterial
  Hazard Class: None
  UN ID#: None
  Packing Group: None
Section 15—Regulatory information

Section 16—Other information

Issued by:
Email contact: orders@asp-inc.com
Training necessary: None
Date issued/reissued:
Intended use of product: Organic antibacterial