

**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**

**GHS Classification:**

Health	Environmental	Physical
Acute Toxicity:	Acute Toxicity:	Other:
Skin Irritation:	Chronic Toxicity:	
Skin Sensitization:		
Eyes:		

**WHMIS Classification**

**NFPA Classification**

Health:	1	Health:	0
Flammability:	0	Flammability:	0
Reactivity:	0	Reactivity:	0
PPE:	0	Other:	0

**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.

**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.
- Environmental Precautions:** Stable under normal conditions.
- 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**

Appearance:	Red liquid
Odor:	Slightly sweet aroma
pH:	N/A
Melting/Freezing point:	N/A
Boiling Point:	113°C
Flash Point:	Not flammable.
Specific Gravity:	1.05
Solubility:	100% in water.
Flammability:	N/A
Vapor Pressure:	N/A
Vapor Density:	N/A

**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.

Reproductive effects   Teratogenicity   Mutagenicity   Embryotoxicity   Sensitization  
Not Established   Not Established   Not Established   Not Established   Not Established

**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**

Organic antibacterial—non-hazardous. Not DOT regulated.

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](mailto:orders@asp-inc.com)

Training necessary: None

Date issued/reissued:

Intended use of product: Organic antibacterial