

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

078915330

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

078945201

## Safety Data Sheet

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**Product Name:** Antivenin, Crotalidae, Polyvalent, Equine Origin  
**Synonyms:** Rattler Antivenin, PC 6101.01

**Manufacturer:** Mg Biologics  
**Address:** 2366 270<sup>th</sup> St. Ames, IA 50014  
**General Info Phone:** (877)769-2340  
**Emergency Phone:** (877)769-2340  
**Fax Phone:** (515)769-2390  
**Website:** mgbiologics.com

**Product Use:** Rattler Antivenin is shown to be effective against envenomation in canine and equine due to North American Crotalidae. Use of Rattler Antivenin within 24 hours of snakebite neutralizes venom, decreases swelling, minimizes pain and decreases temperature of canine and equine patients.

**This product is regulated by the USDA Center for Veterinary Biologics.**

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### SECTION 2: HAZARD(S) IDENTIFICATION

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**Physical State:** Liquid.

**Precautions:** None needed under normal conditions of use.

**OSHA regulatory status:** This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).

#### **Potential health effects**

**Routes of exposure:** Skin.  
**Eyes:** No known hazard.  
**Skin:** No known hazard. Prolonged contact may cause dry skin.  
**Inhalation:** No known hazard under normal conditions of intended use.  
**Ingestion:** No known hazard.  
**Target Organs:** No specific target organ.  
**Chronic effects:** None known.  
**Signs and symptoms:** None expected under normal conditions of intended use.  
**Potential environmental effects:** None known.

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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**Ingredients:** Equine derived Crotalidae Polyvalent Antivenin  
Sodium Citrate Solution, USP (Anticoagulant)

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### SECTION 4: FIRST-AID MEASURES

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<b>Eyes:</b>	No known symptoms, rinse with water/saline to clear eyes. Get medical attention if irritation occurs and is not alleviated by eye wash.
<b>Skin:</b>	No known symptoms, rinse skin with water/shower. Get medical attention if irritation occurs and is not alleviated by washing.
<b>Ingestion:</b>	No known symptoms. Get medical attention if symptoms occur after ingestion.
<b>Inhalation:</b>	No specific first aid measures noted. Get medical attention if inhalation and symptoms occur.

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### SECTION 5: FIRE-FIGHTING MEASURES

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<b>Flammable properties:</b>	This product is non-combustible. During fire, gases hazardous to health may be formed.
<b>Extinguishing media:</b>	Use fire-extinguishing media appropriate for surrounding materials.
<b>Hazardous combustion products:</b>	Carbon dioxide, Carbon monoxide.

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

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<b>Personal precautions:</b>	Avoid prolonged or repeated contact with skin. See Section 8 for Personal Protective Equipment.
<b>Environmental precautions:</b>	Do not let product enter drains (due to gel-like clotting that may occur).
<b>Methods for containment:</b>	Stop the flow of material, if this is without risk. Do not allow to enter drains.
<b>Methods for cleaning up:</b>	Absorb with paper towels, dispose in normal garbage.

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### SECTION 7: HANDLING AND STORAGE

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<b>Handling:</b>	Avoid prolonged or repeated contact with skin. Observe good industrial hygiene practices. Use entire contents when first opened.
<b>Storage:</b>	Store frozen (< -5°C/23°F) in original container.

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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Occupational exposure limits:** No limits noted for this product.

#### Personal protective equipment

**Eye/face:** Not normally needed. Risk of splashes: wear approved eye protection.

**Skin:** For prolonged or repeated skin contact, use suitable protective gloves.

**Respiratory:** None required.

#### **General**

**Considerations:** As this product is administered intravenously, use standard operating procedures to ensure safety of yourself and patient during use of this product.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance/Color:** Golden/Amber clear liquid

**Odor:** None. If there is a foul odor, it is due to fungal or bacterial growth in the product due to exposure to unsterile environment, it should be disposed and not utilized.

**Odor threshold:** Not available.

**pH:** 7.35-7.45

**Melting Point/Freezing Point:** Not available.

**Boiling point:** Not available.

**Flash point:** Not available.

**Evaporation rate:** Not available.

**Flammability:** Not available.

**Upper/Lower Flammability Limits:** Not available.

**Vapor Pressure:** Not available.

**Vapor Density:** Not available.

**Specific gravity:** 1.03g/ml (25°C)

**Solubility (water):** Not available.

**Partition coefficient (n-octanol/water):** Not available.

**Auto-ignition temperature:** Not available.

**Decomposition temperature:** Not available.

**Viscosity:** Not available.

## Safety Data Sheet

### SECTION 10: STABILITY AND REACTIVITY

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<b>Chemical stability:</b>	Material is stable under normal handling/storage conditions.
<b>Conditions to avoid:</b>	Extreme heat. Avoid storing at super cool but not frozen state as clotting can occur.
<b>Incompatible materials:</b>	Strong oxidizing agents.
<b>Hazardous decomposition products:</b>	Carbon Dioxide. Carbon monoxide. In non-sterile environment, may cause excessive odor, spoilage, and/or bacterial growth.
<b>Possibility of hazardous reactions:</b>	Will not occur.

### SECTION 11: TOXICOLOGICAL INFORMATION

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<b>Acute effects:</b>	No additional health effects noted.
<b>Sensitization:</b>	Not a skin sensitizer.
<b>Chronic effects:</b>	None noted.
<b>Mutagenicity:</b>	Not classified.
<b>Reproductive effects:</b>	Not classified.
<b>Teratogenicity:</b>	Not classified.

### SECTION 12: ECOLOGICAL INFORMATION

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<b>Ecotoxicity:</b>	This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
<b>Persistence and degradability:</b>	No data available.
<b>Bioaccumulation/ Accumulation:</b>	No data available.
<b>Mobility in environmental media:</b>	No data available.

## Safety Data Sheet

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### SECTION 13: DISPOSAL CONSIDERATIONS

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This product is not considered hazardous waste. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal. Dispose in accordance with all local, State, and Federal regulations. Do not dispose in drains, sewage, or other waterways.

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### SECTION 14: TRANSPORT INFORMATION

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Product is not regulated as dangerous goods. No known hazards or precautions.

Product should remain cool during shipping. Product is shipped on ice.

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### SECTION 15: REGULATORY INFORMATION

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#### US Federal

#### Regulations:

This product is not known to be a "Hazardous Chemical: as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

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### SECTION 16: OTHER INFORMATION

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#### Disclaimer:

The information in this SDS is correct to the best of our knowledge and uses sources we believe are reliable. However, the information is provided without any representation or warranty, express or implied, regarding its accuracy or correctness.

**Date of Preparation:** April 2016