



# SAFETY DATA SHEET

## Section 1: Identification

**Product Name** AP920 Bovine Animal Plasma  
**SKU No.** 10370  
**Relevant identified uses of the substance or mixture and uses advised against**  
**Recommended use** Used as an ingredient/additive in pet food and animal feed systems.  
**Manufacturer** APC, Inc.  
2425 SE Oak Tree Court  
Ankeny, Iowa 50021  
United States  
www.functionalproteins.com  
**Emergency telephone number** (515) 289-7600

## Section 2: Hazard Identification

### GHS - Classification of the substance or mixture

**Signal Word** Not hazardous  
**Health Hazard** Not hazardous  
**Physical Hazards** Not hazardous  
**Principle Routes of Exposure/Potential Health Effects**  
**Eyes** May cause eye irritation with susceptible persons.  
**Skin** May cause skin irritation in susceptible persons.  
**Inhalation** May be harmful by inhalation.  
**Ingestion** May be harmful if swallowed.  
**Specific effects**  
**Carcinogenic effects** None  
**Mutagenic effects** None  
**Reproductive toxicity** None  
**Sensitization** None  
  
**Target Organ Effects** No known effects under normal use conditions.  
  
**Label Elements** None

<b>Hazardous Material Information System (HMIS):</b>	<b>Health</b>	<b>0</b>
	<b>Flammability</b>	<b>0</b>
	<b>Reactivity</b>	<b>0</b>

## Section 3 - Composition/Information on Ingredients

The product does not contain substances, which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

## Section 4: First-Aid Measures

<b>Inhalation</b>	Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.
<b>Skin</b>	Rinse with plenty of water. If symptoms arise, call a physician.
<b>Eye</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Ingestion</b>	Do NOT induce vomiting. If person is drowsy or unconscious and vomiting, place on the left side with head down. Seek medical attention.
<b>Most Important Symptoms and Effects, both Acute and Delayed</b>	Inhalation (dust): Large quantities may cause irritation to the respiratory system. Increase difficulty in breathing. Sneezing. Coughing. Eye Contact: May cause irritation. Ingestion: May cause a stomach ache.
<b>Notes to Physician</b>	All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

## Section 5: Fire-Fighting Measures

<b>Suitable Extinguishing Media</b>	Carbon dioxide, dry chemical
<b>Unsuitable Extinguishing Media</b>	Do not use water jet.
<b>Unusual Fire and Explosion Hazards</b>	As with any organic dust, may be explosive if mixed with air in critical proportions.
<b>Advice for firefighters</b>	Wear self-contained breathing apparatus and protective suit.

## Section 6 - Accidental Release Measures

<b>Personal Precautions</b>	Goggles, rubber gloves recommended. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Emergency Procedures</b>	As an immediate precautionary measure isolate spill or leak area for at least 50 meters (150 feet) in all directions.
<b>Environmental Precautions</b>	Avoid release to environment.
<b>Methods / Materials for Containment/Clean-up</b>	Sweep up into suitable containers for recovery or disposal. Dispose of via a licensed waste disposal contractor. Flush area with soap and water.

## Section 7 - Handling and Storage

<b>Handling</b>	Avoid inhaling dust. Avoid contact with eyes.
<b>Storage</b>	Store in clean, dry area; ambient temperature
<b>Incompatible Materials or Ignition Sources</b>	No known material or ignition sources.

## Section 8 - Exposure Controls/Personal Protection

**Occupational Exposure Engineering Measures** Contains no substances with occupational exposure limit values. Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable exposure limit values.

### Personal Protective Equipment

**Respiratory** In case of insufficient ventilation, wear suitable respiratory equipment.  
**Eye/Face** Wear safety goggles.  
**Hands** Wear protective gloves.  
**Skin/Body** Wear lightweight protective clothing.  
**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

**Environmental Exposure Controls** Follow best practice for site management and disposal of waste. Avoid release to the environment.

## Section 9 - Physical and Chemical Properties

### Material Description

**Physical Form** Powder  
**Appearance** Uniform off white to beige-colored powder  
**Odor** Cooked meat odor  
**Boiling Point/Range** No data  
**Melting Point/Range** No data  
**pH** No data  
**Evaporation** No data  
**Flammability** No data  
**Vapor** No data  
**Bulk Density** No data  
**Solubility** Soluble in water  
**Partition coefficient** No data  
**Autoignition** No data  
**Oxidizing Properties** No data  
**Water Solubility** No data

## Section 10: Stability and Reactivity

**Chemical Stability** Stable under normal temperatures and pressures  
**Reactivity** No dangerous reaction known under conditions of normal use.  
**Possibility of Hazardous Reactions** Hazardous polymerization will not occur.  
**Incompatible Materials** No dangerous reaction known under conditions of normal use.  
**Hazardous Decomposition Products** None

## Section 11 - Toxicological Information

<b>Target Organs</b>	No known effects under conditions normal of use
<b>Entry/Exposure</b>	
Inhalation	May be harmful by inhalation
Skin	May cause skin irritation in susceptible persons.
Eye	May cause eye irritation in susceptible persons.
Ingestion	May be harmful if swallowed.

## Section 12 - Ecological Information

<b>Toxicity</b>	Material data lacking.
<b>Biodegradation</b>	Material data lacking.
<b>Bioaccumulation</b>	Material data lacking.
<b>Mobility in Soil</b>	Material data lacking.

## Section 13 - Disposal Considerations

<b>Product waste</b>	Dispose of content and/or container to licensed waste disposal site in accordance with local, regional, national, and/or international regulations.
<b>Packaging waste</b>	Dispose of content and/or container to licensed waste disposal site in accordance with local, regional, national, and/or international regulations.

## Section 14 - Transport Information

<b>IATA</b>	
Proper shipping name	Not classified as dangerous in the meaning of transport regulations
Hazard Class	None
Subsidiary Class	None
Packing Group	None
UN-No	None

## Section 15 - Regulatory Information

### SARA Hazard Classifications

This product is not regulated by SARA.

### Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain HAPs.

### California Proposition 65

This product does not contain chemicals listed under Proposition 65.

## Section 16 - Other Information

**Date Created:** 05/06/2015  
**Date Last Revised:** 05/06/2015

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