

# Material Safety Data Sheet

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## Section 1: Chemical Product and Company Identification

Date Prepared: 12/06/2011  
Catalog Code: **BP658**  
Product: **BioMag® ProMax Albumin Removal Kit - Elution Buffer**  
Supplier: Bangs Laboratories, Inc. / A Division of Polysciences, Inc.  
9025 Technology Drive  
Fishers, Indiana 46038

## Section 2: Composition / Information on Ingredients

<u>Item#</u>	<u>Name</u>	<u>CAS#</u>	<u>% in Product</u>
1	Ammonium chloride	012125029	3.0
2	Water	007732185	97.0

## Section 3: Hazard Identification

Low hazard for usual industrial or commercial handling.

Hazard Ratings: These ratings are Bangs Laboratories, Inc.'s own assessments of the properties of the material using the ANSI/NFPA 704 Standard. Additional information can be found by consulting in the NFPA published ratings lists (List 325 and List 49). If no data is listed, the information is not available.

Health	Flammability	Reactivity
0	0	0

## Section 4: First Aid Measures

No first aid measures are indicated.

## Section 5: Fire Fighting Measures

Flash Point, deg. F:	> 200°F
Method:	no data
UEL:	no data
LEL:	no data
Autoignition Temperature, deg. F:	no data
Flammability:	no data
Flame Propagation:	no data
Hazardous Combustion Products:	no data

## Section 6: Accidental Release Measures

Any information given below is considered to be in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition source from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.

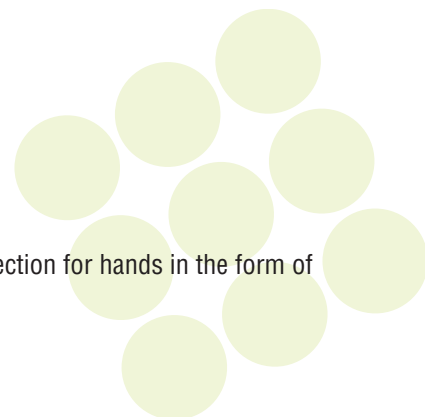
*No special measures are indicated.*

## Section 7: Handling and Storage

Store at room temperature.

## Section 8: Exposure Controls and Personal Protection

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of



gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

*No special protection is indicated.*

### **Section 9: Physical and Chemical Properties**

Formula: mixture  
Vapor Pressure: 17.5 mm Hg  
Formula Weight: nap  
Vapor Density: no data  
Boiling Point: 212°F  
Specific Gravity: 1.01  
Melting Point: 32°F  
pH: 5.0  
Solubility: complete  
Appearance: clear colorless liquid

### **Section 10: Stability and Reactivity**

Chemical Stability: stable  
Conditions to Avoid: none  
Incompatibility with Other Materials: strong reducing agents; acid chlorides; phosphorous trichloride; phosphorous pentoxide; phosphorous oxychloride  
Hazardous Decomposition Products: none  
Hazardous Polymerization: will not occur

### **Section 11: Toxicological Information**

Acute Data: no data  
Subchronic Data: no data

### **Section 12: Ecological Information**

no data

### **Section 13: Disposal Considerations**

The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number, the substance may be subject to special federal and state disposal regulations. If no codes are listed, the material must be disposed of in compliance with all Federal, State, and Local Regulations.

<u>CAS#</u>	<u>Waste Code</u>	<u>Regulated Name</u>
012125029	not listed	not listed
007732185	not listed	not listed

### **Section 14: Transport Information**

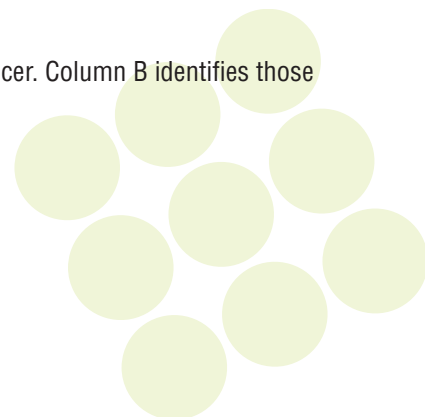
Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

### **Section 15: Regulatory Information**

All components of this product are on the TSCA public inventory.

*Prop 65:* Column A identifies those items which are known to the State of California to cause cancer. Column B identifies those which are known to the State of California to cause reproductive toxicity.

<u>CAS#</u>	<u>Column A</u>	<u>Column B</u>
012125029	no	no
007732185	no	no



**Section 16: Other Information**

BANGS LABORATORIES, INC. provides the information contained herein in good faith, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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**END OF MSDS**

