

## MATERIAL SAFETY DATA SHEET

Product Number SPA-226

### SECTION 1: PRODUCT IDENTIFICATION

<u>Product Name:</u> <b>Crystallin, <math>\alpha</math>B (phospho-Ser45) Polyclonal Antibody</b>	<u>Product Number:</u> <b>SPA-226</b>
---	--

Manufacturer's Information:

Manufacturer's Name:	Assay Designs Inc.
Address:	5777 Hines Drive Ann Arbor, MI 48108
Emergency Phone Number:	800.833.8651 (USA & Canada) 734.668.6113
Fax Number:	734-668.2793

### SECTION 2: COMPONENTS

<u>Part Number:</u> SPA-226	<u>Name:</u> Crystallin, $\alpha$ B (phospho-Ser45) Polyclonal Antibody
--------------------------------	--

### SECTION 3: HAZARDS

The physical, chemical and toxicological properties of these components have not been fully investigated. It is recommended that all laboratory personnel follow standard laboratory safety procedures when handling this product. Safety procedures should include wearing OSHA approved safety glasses, gloves, and protective clothing. Direct physical contact with all components in this product should be avoided.

<u>Known Hazardous Components</u>	<u>CAS Number</u>	<u>Percent</u>
Sodium Azide	26628-22-8	0.10%

### SECTION 4: FIRST AID MEASURES

Ingestion	If swallowed, wash out mouth with water provided person is conscious. Call a physician or poison control.
Skin Contact	Flush with copious amounts of water and wash with soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician if irritation or discomfort develops.
Inhalation	Remove to fresh air. If breathing becomes difficult give oxygen. If breathing stops, administer artificial respiration. Call a physician.
Eye Contact	Flush with copious amounts of water for at least 15 minutes. Check for and remove contact lenses. Assure adequate flushing by separating the eyelids. Call a physician.  If medical attention is required, provide product label and/or MSDS.

### SECTION 5: FIRE FIGHTING MEASURES

None of the components pose a significant risk in case of fire. Fire fighting media should be selected to suit other materials involved in the fire. It is recommended that firefighters wear protective gear and self-contained breathing apparatus to limit their exposure.

**MATERIAL SAFETY DATA SHEET**  
**Product Number SPA-226**

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

Ventilate area. Shut off all sources of ignition. Wear appropriate protective gear. Wipe or pick-up materials, place in sealed container, dispose of in accordance with federal, state, and local regulations. Wash spill site thoroughly with soap and water after material pick-up is complete.

**SECTION 7: HANDLING AND STORAGE**

This kit should be stored as recommended on the product label. All components should be kept in tightly closed containers. Keep away from heat, sparks and open flame. This kit should only be handled and used by qualified, trained professionals.

**SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION**

Provide adequate local exhaust ventilation. Respiratory PPE is not required if ventilation is adequate. Wear chemical resistant gloves and eye protection. Minimize contact.

**SECTION 9: STABILITY AND REACTIVITY**

This product is stable until the expiration date indicated on the label under the specified storage conditions. Avoid oxidizing agents, alkali and inorganic acids. Nature of decomposition products not known.

**SECTION 10: TOXICOLOGICAL INFORMATION**

Sensitization: Harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract. May cause allergic respiratory reaction. Readily absorbed through skin. May cause allergic skin reaction. The target organs or systems are eyes, kidneys, liver, heart and central nervous system.

Potential cancer hazard: This product is or contains a component that has been reported to be possibly carcinogenic based on its IARC, ACGH, NTP or EPA classification. OSHA carcinogen.

**SECTION 11: ECOLOGICAL INFORMATION**

None available.

**SECTION 12: OTHER INFORMATION**

The above information is believed to be correct but does not purport to be all-inclusive and shall be used as a guide. Assay Designs, Inc. shall not be held liable for any damage resulting from handling or contact with the above product. The burden of safe use of these materials rests solely with the user.

Assay Designs, Inc., Emergency Phone Numbers: 800.833.8651 (USA & Canada) or 734.668.6113