

## Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Positive Control Kit, ZymoSnap ALP  
**Product Number:** ZS-ALP-PC  
**Brand:** Hygiena  
**Company:** Hygiena USA  
941 Avenida Acaso  
Camarillo, CA 93012, USA  
**Telephone:** 805-388-8007  
**Fax:** 805-388-5531  
**Emergency Phone:** 888-494-4362  
**E-mail:** info@hygiena.com

### 2. HAZARDS IDENTIFICATION

This preparation is classified as non hazardous. It does not contain any substance in concentrations presenting a health hazard per OSHA 29 CFR 1910.1200, WHMIS (Canada's Workplace Hazardous Materials Information System), European Directives 67/548/EEC and 1999/45/EC.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	%
Phosphatase, Alkaline, from bovine intestinal mucosa	9001-78-9	350mU/L
Lyophilized powder		
<b>Classification:</b> This product contains no hazardous constituents, or the concentrations of all chemical constituents are below the regulatory threshold limits per 29 CFR 1910.1200, WHMIS, 67/548/EEC and 1999/45/EC.		
<b>Product use:</b> A Positive Control for testing ALP using ZymoSnap ALP devices.		
<b>FORM:</b> Lyophilized ALP in glass vials packaged 5 vials to a box. If used according to manufacturer's instructions; the product will not come in contact with the operator.		

### 4. FIRST AID MEASURES

No special measures required.

**If inhaled**

If breathed in, move person into fresh air; consult doctor in case of complaints.

**In case of skin contact**

Wash with soap and plenty of water.

**In case of eye contact**

Rinse opened eye for 15 minutes under running water, then consult a doctor.

**If swallowed**

Rinse mouth with water and seek medical advice.

### 5. FIRE-FIGHTING MEASURES

Not flammable or Combustible. Burning plastic (cap) will give out fumes at fire temperatures.

**Suitable extinguishing media**

Use water spray, alcohol resistant foam, ABC multipurpose dry chemical or carbon dioxide.

**Special protective equipment**

No special measures required. Wear self contained breathing apparatus for firefighting if necessary.

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## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions

No special personal protective equipment required.

### Environmental precautions

None. Wipe up with damp sponge. Do not let product enter drains.

### Methods for cleaning up

No special measures required. Sweep up. Keep in suitable closed containers for disposal.

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## 7. HANDLING AND STORAGE

### Handling

No special measures required. Handle according to GLP (Good Laboratory Practice) use as directed by manufacturer.

### Storage

Store in a dry place at 2-8°C

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

### Personal protective equipment

No personal protective equipment required for normal use. Handle according to GLP (Good Laboratory Practices).

### Respiratory protection

Not required.

### Hand protection

Use protective gloves.

### Eye protection

Safety glasses.

### Hygiene measures

General Industrial hygiene practice.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Form	Lyophilized ALP at 350mU/L in glass bottles packaged 5 vials per box.
	Color	Light Straw
<b>Safety Data</b>	pH	No data available
	Odor	No data available
	Melting point	No data available
	Boiling point	No data available
	Flash point	No data available
	Vapor Pressure	No data available
	Lower exposure limit	No data available
	Upper exposure limit	No data available
	Water solubility	Readily miscible with water.

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## 10. STABILITY AND REACTIVITY

### Storage stability

Stable. Shelf life is 12 months. Store in a dry place at 2-8°C.

### Materials to avoid

None.

### Hazardous decomposition products

Plastic components may emit toxic fumes if combusted.

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**11. TOXICOLOGICAL INFORMATION**

The product is not subject to OSHA classification. When used and handled according to specifications, the product does not have any harmful effects according to information provided to us.

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**12. ECOLOGICAL INFORMATION**

No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

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**13. DISPOSAL CONSIDERATIONS****Product**

The product is not considered a hazardous waste. Observe local, State and Federal environmental regulations.

**Contaminated packaging**

Dispose of as unused product.

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**14. TRANSPORT INFORMATION**

Not subject to transport regulations.

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**15. REGULATORY INFORMATION**

Labeling according to Globally Harmonized System (GHS) of classification and labeling of Chemicals

No special labeling required.

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**16. OTHER INFORMATION**

This preparation is classified as non hazardous.

It does not contain any substance in concentrations presenting a health hazard per OSHA 29 CFR 1910.1200, WHMIS, Directives 67/548/EEC and 1999/45/EC.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Hygiena and its affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

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