

# SAFETY DATA SHEET

## PHOSPHATASE INHIBITOR COCKTAIL II

### SECTION 1: CHEMICAL AND COMPANY IDENTIFICATION

**BioShop Canada Inc.**  
**5480 Mainway**  
**Burlington, Ontario L7L 6A4**  
**1-800-234-1179**  
**Emergency Telephone No.: 1-905-466-3832**  
**Chemical Name:** Phosphatase Inhibitor Cocktail  
**Catalog Number:** PIC009

### SECTION 2 HAZARDS IDENTIFICATION

**GHS Classification:**  
**Not hazardous according to GHS**

**Potential health effects:**  
**Target Organs:** Non known  
**Eyes:** May cause irritation..  
**Skin:** May cause irritation.  
**Inhalation.** May cause irritation to respiratory tract.  
**Ingestion:** May cause irritation to GI tract if swallowed in large amounts.  
May be harmful if swallowed.  
**CHRONIC HEALTH HAZARDS:** none known.

### SECTION 3 COMPOSITION/ INGREDIENTS

	CAS #	%
Sodium fluoride	7681-49-4	100 mM
Sodium orthovanadate	13721-39-6	100mM
Sodium molybdate	134372-36-1	115mM
Sodium tartrate dihydrate	6106-24-7	100mM
Imidazole	288-32-4	200 mM

Concentrations of individual products when reconstituted to 1ml of water.  
See individual product SDS's

**Molecular Formula:** N/A  
**Molecular Weight:** N/A

### SECTION 4 FIRST AID MEASURES

**Eyes:** Flush eyes with water . If irritation persists get medical aid immediately.  
**Skin:** In case of contact, flush area immediately with water. Get medical aid if

irritation persists.  
**Inhalation:** Remove victim to fresh air. Get medical aid if irritation, coughing persists.  
**Ingestion:** Wash mouth with water. DO NOT INDUCE VOMITING. Get medical aid if any symptoms appear.

### SECTION 5 FIRE FIGHTING MEASURES

**Flammable:** No  
**Flash Point:** N/A  
**Autoignition Temperature:** N/A  
**Extinguishing Media:** Use water spray, foam, dry chemical or carbon dioxide.  
**Explosion Data:** Not available

### SECTION 6 ACCIDENTAL RELEASE MEASURES

Ventilate the area. Wear appropriate protective equipment. Sweep and place in a closed container.

### SECTION 7 HANDLING AND STORAGE

**Handling:** Avoid contact. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse.  
**Storage Conditions:** -20C.

### SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits:  
ACGIH, NIOSH, OSHA, none listed  
Use adequate ventilation. Avoid dust generation..  
Wear appropriate protective equipment to prevent eye and skin exposure.  
Wear appropriate respirator to prevent lung irritation.

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** powder  
**Appearance and Odor:** white powders, odorless  
**Melting Point:** N/A  
**Boiling Point:** N/A  
**Specific Gravity:** N/A  
**Vapor Density:** N/A  
**Water Solubility:** yes  
**pH:** N/A

### SECTION 10 STABILITY AND REACTIVITY:

**Stability:** Stable at normal room temperature and pressure  
**Conditions to avoid:** dust generation  
**Incompatibility** strong oxidizing agents.  
**Hazardous Decomposition Products:** oxides of various elements  
**Hazardous Polymerization:** Has not been reported

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### SECTION 11 TOXICOLOGICAL PROPERTIES

**Exposure Limits:**

None listed. The toxicological properties of this substance have not been fully investigated

**Epidemiology:** No data available

**Teratogenicity:** No data available

**Reproductive Effects:** No data available

**Neurotoxicity:** No data available

**Mutagenicity:** No data available

**Carcinogenicity:** not listed by ACGIH, IARC, NTP, or CA

### SECTION 12 ECOLOGICAL INFORMATION

No information found.

### SECTION 13 DISPOSAL CONSIDERATION

**Waste Disposal:** Burn in chemical incinerator. Observe all Federal, provincial and local regulations.

### SECTION 14 TRANSPORT INFORMATION

**Shipping Information:** Not regulated

### SECTION 15 REGULATORY INFORMATION

**US :** TSCA: not listed

**European/International:** N/A

**Canada:** WHMIS: not regulated

### SECTION 16 ADDITIONAL INFORMATION

Prepared By: M.Kierdelewicz (President)

Date Prepared: Jan 1/2025

Phone: (800) 234-1179

The information provided on this Material Safety Data Sheet is furnished in good faith and without warranty of any kind. The above information is believed to be correct and should be used only as a guide. BioShop Canada Inc. shall not be held liable for any damage resulting from the handling or from the contact with the above product.

Observe all federal, provincial and state laws concerning health, safety and pollution.