

# BIOSHOP CANADA INC.

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## MATERIAL SAFETY DATA SHEET

### BCIP-Na

#### I IDENTIFICATION:

**Chemical Name:** 5-Bromo-4-Chloro-3-Indolyl Phosphate, Disodium Salt  
**Catalog Number:** BCI 101  
**Molecular Formula:**  $C_8H_4BrClNO_4PNa_2$   
**Molecular Weight:**  $370.43 \text{ g.mol}^{-1}$

#### II COMPOSITION/INGREDIENTS:

**5-Bromo-4-Chloro-3-Indolyl Phosphate, Disodium Salt**  
**>90%**  
**CAS Registry Number:** 102185-33-1  
**Hazard Rating:** WHMIS D2B

#### III HAZARDS/TOXICOLOGICAL PROPERTIES:

##### Effects of Acute Exposure:

**Eyes:** May cause irritation

**Skin:** May cause irritation, may be absorbed

**Inhalation:** May cause irritation, may be harmful.

**Ingestion:** May be harmful.

**Chronic Health Hazards:** Unknown. The toxicological properties of this product have not been thoroughly investigated.

**Exposure Limits:** Not available

**LD50:** Not available

#### IV FIRST AID MEASURES:

**Eyes:** Flush eyes with water for at least 15 minutes. Get medical attention

**Skin:** In case of contact, flush area immediately with water.

**Inhalation:** Remove victim to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen and get medical attention.

**Ingestion:** Drink plenty of fluids and get medical attention.

#### V FIRE AND EXPLOSION HAZARDS:

**Flammable:** No

**Flash Point:** Not applicable

**Explosion Data:** Not available

#### VI REACTIVITY:

**Stability:** Stable.

**Incompatibility:** Strong oxidizing agents, strong acids and bases.

**Hazardous Decomposition Products:** Thermal decomposition may produce toxic fumes of carbon monoxide, carbon dioxide, hydrogen chloride, hydrogen bromide, oxides of nitrogen, phosphorus and phosphine.

#### VII PHYSICAL DATA:

**Physical State:** Solid

**Appearance and Odour:** White / off white crystals, no odor reported

**Melting Point:**  $>300^{\circ}\text{C}$

**Specific Gravity:** Not available

**Vapour Density:** Not available

**Water Solubility:** Soluble (50g/100ml)

**pH:** Of a 2.5% aqueous solution 8

#### VIII PREVENTIVE MEASURES:

**Personal Protection:** Lab coat, safety goggles, rubber gloves.

**Ventilation:** Local exhaust systems.

**Leak and Spill Procedures:** Ventilate the area. Wear appropriate protective equipment. Avoid raising dust. Sweep up and collect in bag for disposal.

**Waste Disposal:** Burn in chemical incinerator.

**Storage Conditions:**  $-15^{\circ}\text{C} \pm 5^{\circ}\text{C}$

**Label Hazard Warning:** Caution: substance not yet fully tested. Avoid eye and skin contact. Avoid inhalation and ingestion.

#### IX PREPARATION OF MSDS:

Prepared By: M. Kierdelewicz (President)

Date: Dec 14/2011

Phone: (800) 234-1179

The information provided on this Material Safety Data Sheet is furnished in good faith and without warranty of any kind.

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