Name of the Product: 5-Bromo-4-chloro-3-indolyl-β-D-galactopyranoside (X-Gal)
Code No.: PCT1202

Section 1: Chemical Identification
Code No.: PCT1202
Name of the Product: 5-Bromo-4-chloro-3-indolyl-β-D-galactopyranoside (X-Gal)
Produced by: HiMedia Laboratories Pvt Ltd.
Address: 23, Vadhani Indl. Estate, LBS Marg, Mumbai-400 086, India.
Tel. No.: 2500 0970, 2500 1607 Fax No. 022 2500 2468

Section 2: 5-Bromo-4-chloro-3-indolyl-β-D-galactopyranoside (X-Gal)
CAS No.: 7240-90-6

Section 3: Hazards Identification
Not classified as hazardous

Section 4: First-Aid Measures
In case of swallowing, wash out mouth with water provided person is conscious. In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. In case of inhalation, remove to fresh air. If breathing becomes difficult, call Physician. In case of contact with eyes, wash with copious amounts of water for at least 15 minutes. Assure adequate washing by separating the eye lids with fingers. In serious conditions, call a physician, Show the container or label.

Section 5: Fire Fighting Measures
Extinguishing Media: Water Spray.
Carbon dioxide, dry chemical powder or appropriate foam. Special firefighting procedures. Wear self-contained breathing apparatus and protective clothing to prevent with skin and eyes.

Section 6: Accidental Release Measures
Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pick up is complete.

Section 7: Handling and Storage
Handling - Refer to section 8
Storage - Store at 2 - 8°C

Section 8: Exposure Controls/Personal Protection
Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.

Section 9: Physical and Chemical Properties
Appearance: White coloured, homogenous, powder

Section 10: Stability and Reactivity
Stability: Product is stable if stored as per the conditions specified under storage of Section No.7. Product loses its potency/performance above 45°C.
Conditions to avoid: Heat and light. Hazardous polymerization will not occur.

Section 11: Toxicological Information
Acute Effects: May be harmful if swallowed. Exposure can cause: Stomach pains, vomiting, diarrhoea. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

Section 12: Ecological Information
Data not available

Section 13: Disposal Considerations
On completion of work all used or unusable preparations of this product and derivatives thereof are to be disposed of by autoclaving and/or by incineration. Dispose off waste in accordance with all applicable Federal, state and local laws.

Section 14: Transport Information
UN No: Not Applicable

Section 15: Regulatory Information
Risk Phrases: Not applicable
Safety Phrases: Not applicable

Section 16: Other Information
The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for users' obligation to investigate and determine the suitability of the information for their particular purpose.