



MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 5-Bromo-4-Chloro-3-Indolyl Phosphate Disodium Salt [X-Phos] [BCIP]
COMMON NAME: 5-Bromo-4-Chloro-3-Indolyl Phosphate Disodium Salt [X-Phos] [BCIP]
RPI CATALOG #: B74000
SUPPLIER'S NAME: Research Products International Corp.
SUPPLIERS ADDRESS: 410 N Business Center Drive
Mount Prospect, IL 60056
EMERGENCY CONTACT: 1-800-424-9300
OTHER INFORMATION: 847-635-7330

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

CAS #: 102185-33-1
Molecular Formula: $C_8H_6BRCINO_4P$

SECTION 3 - HAZARDS IDENTIFICATION

Data not available

SECTION 4 - FIRST-AID MEASURES

If swallowed, wash out mouth with water provided person is conscious. Call a physician. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician. In case of contact, immediately wash skin with soap and copious amounts of water. In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician. In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

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 contact with skin and eyes. Unusual fire and explosions hazards emits toxic fumes under fire conditions.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Wear self-contained breathing apparatus, 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 pickup is complete.

SECTION 7 - HANDLING AND STORAGE

Refer to section 8.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Safety shower and eye bath. Mechanical exhaust required. Wash thoroughly after handling. Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. NIOSH/MSHA-approved respirator. Compatible chemical-resistant gloves. Chemical safety goggles. Keep tightly closed. Store at -20 C. Store in the dark.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor: Grey-tan powder physical properties melting point: >300°C

SECTION 10 - STABILITY AND REACTIVITY

Stability: stable. Incompatibilities: heavy metals heavy metal salts rubber
Oxygen oxidizing agents hazardous combustion or decomposition products carbon monoxide, carbon dioxide nitrogen oxides sulfur oxides hazardous polymerization will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute effects exposure can cause bronchospasm, nausea, vomiting, stomatitis, and nasal discharge. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. May cause skin irritation. May cause eye irritation. Material may be irritating to mucous membranes and upper respiratory tract. May be harmful by inhalation, ingestion, or skin absorption.

SECTION 12 - ECOLOGICAL INFORMATION

Data not yet available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

SECTION 14 - TRANSPORT INFORMATION

Non regulated.

SECTION 15 - REGULATORY INFORMATION

European information caution: substance not yet fully tested.

SECTION 16. - OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Research Products International Corp. shall not be held liable for any damage resulting from handling or from contact with the above product. See above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. Copyright license granted to make unlimited paper copies for internal use only.