



Research Products International Corp.

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL IDENTIFICATION

PRODUCT NAME: 5-BROMO-4-CHLORO-3-INDOLYL- β -D-GLUCURONIC ACID, CYCLOHEXYL AMMONIUM SALT [X-GlcA]
COMMON NAME: 5-BROMO-4-CHLORO-3-INDOLYL- β -D-GLUCURONIC ACID, CYCLOHEXYL AMMONIUM SALT [X-GlcA]
RPI CATALOG #: B72200
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 #: 18656-96-7
MOLECULAR FORMULA: $C_{20}H_{26}BrClN_2O_7$

SECTION 3 - HAZARDS IDENTIFICATION

Data not available.

SECTION 4 - FIRST-AID MEASURES

In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. If swallowed, wash out mouth with water provided person is conscious. Call a physician. If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

SECTION 5 - FIRE FIGHTING MEASURES

Extinguishing media: water spray, carbon dioxide, dry chemical powder or appropriate foam.

Special fire fighting 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 protective equipment. 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

NIOSH/MSHA-approved respirator. Compatible chemical-resistant gloves. Chemical safety goggles. Safety shower and eye bath. Mechanical exhaust required. Use only in a chemical fume hood. Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Wash contaminated clothing before reuse. Keep tightly closed. Store at 0-5°C.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor: crystalline solid.

Physical properties:

Solubility: water

SECTION 10 - STABILITY AND REACTIVITY

Stability: stable. Conditions to avoid: light sensitive.

Incompatibilities: humidity, strong oxidizing agents, strong acids.

Hazardous combustion or decomposition products: carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen chloride gas, hydrogen bromide gas.

Hazardous polymerization: will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute effects: 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. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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. S 22, do not breathe dust. S 24/25, avoid contact with skin and eyes.

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 reverse side of invoice or packing slip for additional terms and conditions of sale.