

Safety Data Sheet

According to Regulations EU N. 878/2020 and 1907/2006
Revision 4.0, 20 April 2023

Section 1 Identity Information	
Description Identity (as used on label and list): Chemical name:	X-Glucuro CHA salt X-Gluc 5-bromo-4-chloro-3-indolyl-β-D-glucuronic acid cyclohexylammonium salt
Section 2 Hazardous Information	
Classification of the substance or mixture	This product is not subject to hazardous classification.
GHS Label elements, including hazard and precautionary statements:	Not a hazardous substance or mixture. Not classified as dangerous according to Regulation 1272/2008/EC
Hazards not otherwise classified (HNOC) or not covered by GHS:	None
Section 3 Composition / Ingredients	
Chemical name:	5-bromo-4-chloro-3-indolyl-β-D-glucuronic acid cyclohexylammonium salt
CAS #:	114162-64-0
Molecular formula:	C ₂₀ H ₂₆ BrClN ₂ O ₇
Molecular weight:	521.8
Purity:	>99%
Section 4 Health Hazard & First Aid Information	
EYES	Flush eyes with lots of water as a precaution.
SKIN	Wash off with soap and plenty of water.
INGESTION	Never give anything by mouth to an unconscious person. Rinse mouth with water.
INHALATION	Move person into fresh air. If not breathing give artificial respiration.
Most important symptoms and effects, both acute and delayed	No information available.
Indication of any immediate medical attention and special treatment needed	Note to physicians: Treat symptomatically.
Section 5 Fire Fighting Measures	
Extinguishing Media	Water spray, alcohol resistant foam, carbon dioxide, or dry chemical.
Special Fire Fighting Procedures	Wear self-contained breathing apparatus for fire fighting if necessary.
Specific hazards & Toxic Gases	Carbon oxides, nitrogen oxides (NO _x), hydrogen chloride gas, hydrogen bromide gas
Section 6 Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures:	Avoid dust formation. Avoid breathing vapours, mist or gas.
Environmental precautions:	Do not allow product to enter drains.
Methods and materials for containment and cleaning up:	Sweep up and shovel. Keep in suitable closed containers for disposal.
Section 7 Handling & Storage	
OCCUPATIONAL SPILLS	Use proper personal protective equipment as indicated in Section 6.
WASTE DISPOSAL METHOD	Clean up spills immediately. Sweep up or absorb material, then place it into container for disposal. Avoid generating dusty conditions. Provide ventilation. Wash spill site after material pickup is complete.
Safe Handling:	Avoid contact with eyes, and skin, food and drink. Do not inhale or ingest. Wear goggles, gloves and a lab coat.
Storage:	Avoid exposure to light and air. Keep storage containers tightly sealed and out of direct light. Store dry at -20°C.

Section 8 Exposure Controls / Personal Protection	
Control Parameters:	Contains no substances with occupational exposure limit values.
Appropriate engineering controls:	Handle in accordance to general industrial hygiene and safety practice.
Personal Protective Equipment (PPE):	
Eyes/Face:	Chemical safety glasses/goggles conforming to EN166 should be worn and eye washing facilities available.
Skin:	Use protective gloves.
Body:	Wear a lab coat.
Breathing apparatus:	Respirators are advised if local ventilation is limited or risk assessments determine it is necessary.
Section 9 Physical/Chemical Characteristics	
Appearance:	Crystalline white powder.
Odour:	Odourless.
Odour Threshold:	No data Available.
Melting Point:	230°C
Melting Range:	No data available.
Solubility:	Soluble in water, NaOH and KOH.
Vapour density & Pressure:	No data available.
Viscosity & Relative Density:	No data available.
Evaporation rate:	No data available.
Boiling point & Range:	No data available.
Flammability:	No data available.
Specific gravity and solubility:	No data available.
Auto ignition & Flash Point:	No data available.
Section 10 Reactivity & Stability Data	
Reactivity:	No data available.
Stability	Stable, under normal handling and storage conditions.
Conditions to Avoid	Contact with strong oxidants, fire, light and moisture.
Incompatibility (Materials to Avoid)	Strong oxidizing agents, strong acids.
Hazardous Decomposition	Carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen chloride gas, sodium oxides, hydrogen bromide gas.
Hazardous Polymerization	Will not occur
Section 11 Toxicology	
Carcinogenicity:	NTP: No, IARC: No, Z List: No, OSHA Reg: No.
Reproductive Toxicity:	No data available.
Acute toxicity:	Skin corrosion/irritation: No data available, Respiratory or skin sensitization: No data available, Germ cell mutagenicity: No data available.
STOT-single & STOT-repeated exposure:	No data available.
Aspiration hazard:	No data available.
Likely routes of exposure:	Eyes, skin and respiratory system.
Symptoms of exposure:	No exhaustive testing has been performed. Irritation, itching, gastrointestinal upset, nausea, headache.
Section 12 Ecological Information	
Toxicity, Persistence & Degradability:	No data available.
Bio accumulative Potential:	No data available.
Mobility in Soil:	No data available.
Other Adverse Effects:	No data available.
Section 13 Disposal Considerations	
Dispose of product in accordance with local rules and regulations. Do not allow it to enter drains.	

Section 14 Transport Information	
Domestic (D.O.T.):	NOT REGULATED Proper Shipping Name: CHEMICALS, N.O.S. (NON-REGULATED) Hazard Class: N/A UN/NA: N/A Labels: N/A
International: IMDG:	NOT REGULATED Proper Shipping Name: CHEMICALS, N.O.S. (NON-REGULATED) Hazard Class: N/A UN/NA: N/A Labels: N/A
IATA:	NOT REGULATED Proper Shipping Name: CHEMICALS, N.O.S. (NON-REGULATED) Hazard Class: N/A UN/NA: N/A Labels: N/A
Section 15 Regulatory Information	
International Inventories:	No information available.
X - Listed	TSCA - United States Toxic Substances Control Act Section 8(b) Inventory DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances ENCS - Japan Existing and New Chemical Substances IECSC - China Inventory of Existing Chemical Substances KECL - Korean Existing and Evaluated Chemical Substances PICCS - Philippines Inventory of Chemicals and Chemical Substances
SARA 302 Components:	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components:	SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Hazards:	No SARA hazards.
Massachusetts, Pennsylvania, New Jersey & California Right to Know Components:	5-Bromo-4-chloro-3-indolyl β-D-glucuronide cyclohexylammonium salt CAS - No. 114162-64-0

Section 16: Additional Information: This information is believed to be accurate and represents the best information available to date. We make no warranty or assume liability from its use. Users should make their own investigations to determine the suitability of the information. This product is intended for laboratory use only and should be handled only by appropriately qualified and experienced people in safe environments where all the necessary PPE, ventilation and disposal facilities and procedures are in place.