

SAFETY DATA SHEET

X-GLUC

5-BROMO-4-CHLORO- 3-INDOLYL-BETA-D GLUCURONIC ACID, CYCLOHEXYLAMMONIUM SALT

SECTION 1: CHEMICAL AND COMPANY IDENTIFICATION

BioShop Canada Inc.
5480 Mainway
Burlington, Ontario L7L 4Y8
1-800-234-1179
Emergency Telephone No.: 1-905-466-3832
Chemical Name: X-GLUC
Catalog Number: XGL001

SECTION 2 HAZARDS IDENTIFICATION

GHS Classification:
Not hazardous according to GHS

Potential Health Effects

Target Organs: None known
Eyes: May cause eye irritation.
Skin: May cause skin irritation.
Inhalation: may cause irritation. The toxicological properties of this substance have not been fully investigated.
Ingestion: May be harmful if swallowed.
CHRONIC HEALTH HAZARDS: Not available

SECTION 3 COMPOSITION/ INGREDIENTS

	CAS #	%
X-GLUC	18656-96-7	>99%

Molecular Formula: C₁₄H₁₃BrClNO₇.C₆H₁₃N
Molecular Weight: 521.9

SECTION 4 FIRST AID MEASURES

Eyes: Flush eyes with plenty of water for at least 15 minutes. GET MEDICAL AID
Skin: Flush area immediately with plenty of soap and water while removing contaminated clothing and shoes.
Inhalation: Remove victim to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. GET MEDICAL ATTENTION.
Ingestion: Wash mouth with water. Do not induce vomiting. GET MEDICAL AID

SECTION 5 FIRE FIGHTING MEASURES

General Information: Always wear full protective gear in the event of a

fire. Toxic gas and vapors may be generated by decomposition or combustion. Excessive dust in combination with air can create an explosive mixture.

Flammable: No
Flash Point: N/A
Autoignition Temperature: N/A
Extinguishing Media: Use water spray, foam, dry chemical or carbon dioxide.
Explosion Data: Not available

SECTION 6 ACCIDENTAL RELEASE MEASURES

Ventilate the area. Wear appropriate protective equipment. Sweep and place in a closed container. In the event of a fire always wear self-contained breathing apparatus, NIOSH/MSHA approved or equivalent.
Leak and Spill Procedures: Ventilate the area. Wear appropriate protective equipment. Cover with dry lime or soda. Sweep and place in a closed container. Avoid generating dust.

SECTION 7 HANDLING AND STORAGE

Handling: Avoid contact. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Minimize dust generation.
Storage Conditions: -20C

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits: none listed by OSHA
ACGIH, N/A
Use adequate ventilation. AVOID DUST GENERATION.
Wear appropriate protective equipment to prevent eye and skin exposure. Wear appropriate respirator to prevent lung irritation.
Personal Protection: Lab coat, safety goggles, rubber gloves.
Ventilation: Local exhaust systems. Use fume hood
Respiratory protection: use OSHA/MSHA approved respirator.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State: solid
Appearance and Odor: white crystalline
Freezing: N/A
Melting Point: N/A
Boiling Point: N/A
Specific Gravity: N/A
Vapor Density: N/A
Solubility: not soluble in water
pH: N/A

SECTION 10 STABILITY AND REACTIVITY:

Stability: Stable under normal temperatures and pressure
Conditions to avoid: dust generation. Excess heat

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Incompatibility: Strong oxidizing agents
Hazardous Decomposition Products: carbon monoxide,
carbon dioxide, oxides of sulfur and bromine
Hazardous Polymerization: Will not occur

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

SECTION 11 TOXICOLOGICAL PROPERTIES

Exposure Limits:

LD50 / LC50:
No data

Epidemiology: No data available
Teratogenicity: No data available
Reproductive Effects: No data available
Neurotoxicity: No data available
Mutagenicity: No data available
Carcinogenicity: No data available

SECTION 12 ECOLOGICAL INFORMATION

No information found.

SECTION 13 DISPOSAL CONSIDERATION

Waste Disposal: Burn in chemical incinerator. Observe all Federal, provincial
and local regulations.

SECTION 14 TRANSPORT INFORMATION

Shipping Information:

US: Not regulated
Canada: Not regulated
European Union: Not regulated

SECTION 15 REGULATORY INFORMATION

US: TSCA: listed
European/International: Do not breathe dust.. Avoid contact with skin and
dust.
Canada: WHMIS: D2B

SECTION 16 ADDITIONAL INFORMATION

Prepared By: M.Kierdelewicz (President)
Date Prepared: Dec 29/2021
Phone: (800) 234-1179

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in good faith and without warranty of any kind. The above information is
believed to be correct and should be used only as a guide. BioShop Canada
Inc. shall not be held liable for any damage resulting from the handling or
from the contact with the above product.