



SAFETY DATA SHEET

[Required under safety and health regulations for shipping and handling]

Version: 2019

Date Updated: July 29, 2019

SECTION 1. ----- PRODUCT AND COMPANY IDENTIFICATION-----

Product Name X-GLUC
 Product Code(s) BB0085
 Recommended Use For Laboratory Research Use Only
 Not for Human or Animal Drug Use

Supplier Bio Basic Inc.
 Address 20 Konrad Crescent, Markham, Ontario,
 Canada, L3R 8T4
 Telephone (905) 474 4493
 Fax (905) 474 5794
 For Chemical Emergency Phone# (416) 995 9730

SECTION 2. ----- HAZARDS IDENTIFICATION -----

GHS Labeling

Regulatory List
 EC1272/08 Regulation (EC) 1272/2008 (GHS/CLP)
 Precautionary Statement
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P262 Do not get in eyes, on skin, or on clothing.

Additional Information

Caution! To the best of our knowledge the toxicological properties of this material have not been thoroughly investigated.

SECTION 3. ----- COMPOSITION/INFORMATION ON INGREDIENTS -----

Chemical Name	EC No.	CAS-No	Weight %
5-Bromo-4-chloro-3-indoxyl-beta-D-glucuronic acid, cyclohexylammonium salt monohydrate		114162-64-0	<100

SECTION 4. ----- FIRST-AID MEASURES-----

First Aid: Eye

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

First Aid: Skin

Wash immediately with plenty of water and soap for at least 15 minutes. Remove contaminated clothing and shoes. Wash contaminated clothes before reuse. Call a physician.

First Aid: Ingestion

Wash out mouth with water provided person is conscious. Call a physician.

First Aid: Inhalation

Remove casualty to fresh air and keep warm and atrest. If breathing is irregular or stopped, administerartificial respiration. Call a physician.

Hints for Physician: Treatment

Treat symptomatically.

SECTION 5. ----- FIRE FIGHTING MEASURES -----

Extinguishing Media

Suitable

foam, dry extinguishing powder, carbon dioxide (CO₂), water spray jet

Unsuitable not

available

Hazards During Fire-Fighting

toxic fumes

Protective Equipment for Fire-Fighting

Wear a self-contained breathing apparatus and chemical protective clothing.

Fire-Fighting/Further Advice

Do not inhale explosion and combustion gases. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6. ----- ACCIDENTAL RELEASE MEASURES-----

Personal Precautions

Avoid generation of dust. Wear breathing apparatus if exposed to vapours/dusts/aerosols. Provide adequate ventilation.

Environmental Precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Ensure all waste water is collected and treated via a waste water treatment plant.

Methods for Cleaning or Taking Up not

available

Further Accidental Release Measures

Avoid generation of dust. Collect in closed and suitable containers for disposal. Clear contaminated areas thoroughly. Ventilate affected area.

SECTION 7. ----- HANDLING AND STORAGE-----

Handling

Handling advice

Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Avoid prolonged or repeated exposure. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling.

Storage

Storage temperature

store at -15°C

Storage condition

protect from light

Storage Requirements

Keep away from incompatible substances. Keep container tightly closed when not in use.

SECTION 8. ----- EXPOSURE CONTROLS/PERSONAL PROTECTION-----

Exposure controles

Industrial Hygiene

Mechanical exhaust required. Safety shower and eye shower.

Personal Protective Equipment

Respiratory Protection

Wear NIOSH/MSHA or European Standard EN 149 approved respirator.

Hand Protection

Wear compatible chemical-resistant gloves to prevent skin exposure.

Eye Protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA.

Body Protection

Wear compatible chemical-resistant gloves and clothing to prevent skin exposure.

Advice on Safe Handling

Wash contaminated clothing before reuse. Wear appropriate protective clothing to prevent exposure.

SECTION 9. ----- PHYSICAL AND CHEMICAL PROPERTIES -----

Color

white, off-white

Form

crystalline powder

Molar Mass

539,81 g/mol

SECTION 10. ----- STABILITY AND REACTIVITY -----

Conditions to Avoid

incompatible materials, light

Substances to Avoid

strong acids, strong bases, strong oxidizers

Decomposition Products

nitrogen oxides (NOx), carbon dioxide (CO₂), hydrogen chloride (HCl), hydrogen bromide (HBr), carbon monoxide

SECTION 11. ----- TOXICOLOGICAL INFORMATION -----

Other Relevant Toxicity Information

We are not aware of any toxicology data.

SECTION 12. ----- ECOLOGICAL INFORMATION -----

Biodegradation no

data available

Bioaccumulation no

data available

Distribution in Environment no

data available

no data available

SECTION 13. ----- DISPOSAL CONSIDERATIONS -----

Advice on Disposal and Packaging

Advice on Disposal

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and, Dispose of waste according to laws applicable.

Advice on Packaging not available

SECTION 14. ----- TRANSPORT INFORMATION -----

Road Transport (ADR/GGVS)

not regulated

Air Transport (IATA)

not regulated

SECTION 15. ----- REGULATORY INFORMATION -----

Other Regulations

Regulatory List
TSCA

SECTION 16. ----- OTHER INFORMATION -----

GHS Labeling

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Further information: no limited for paper copy, just for internal uses.
For research use only. Not intended for human or animal diagnostic or therapeutic uses.

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

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End of SDS