

## Material Safety Data Sheet

### Product Identity Information

Product Name:	<i>Irradiated Giardia lamblia</i>
Catalog Number:	G10EX
Formula:	1 x 10EX Gamma-inactivated (nonviable) <i>Giardia lamblia</i> cysts suspended in proprietary formula, non-hazardous buffer solution
Unit Size:	1-2 ml
CAS Number/Name:	Not determined.
Uses:	Non-infective, quality control sample for <i>Giardia lamblia</i> testing.

### Physical/Chemical Characteristics

Appearance:	Clear Liquid
Solubility in Water:	Insoluble (inactivated cysts)

### Physical Hazards

Flash Point:	Not determined.
Classification:	Not determined.
Extinguishing Fire:	Use carbon dioxide, dry chemical extinguishers or water. An approved self-contained breathing apparatus and protective clothing are recommended.

### Reactivity & Storage Conditions

Stability:	Stable. Not a significant hazard in these quantities.
Storage Conditions:	Refrigerator storage recommended (2-8°C). Do not freeze.

### Health Hazard Data

Routes of Entry:	May enter the body through inhalation, ingestion, and eye and skin contact.
RTECS Number:	None known.
Exposure Limits:	Not determined
Toxicity:	We are not aware of any toxicity data for this product.
Health Hazards:	See Potential Hazards below.
Potential Hazards:	The complete properties have not been investigated.
Carcinogenicity:	Not listed by NTP, IARC, or OSHA
Exposure Symptoms:	Unknown, handle with care.
First Aid:	Potentially harmful; avoid prolonged or repeated exposure. Wash thoroughly after handling, if eye or skin contact occurs, wash affected areas thoroughly with soap and water for 15 minutes. If inhaled, move individual to fresh air and seek medical advice. If swallowed, seek medical advice.

### Precautions for Safe Use/Control Measures

Ventilation:	No special ventilation is required.
Handling:	Gloves, protective clothing, and eyewear should be worn and safe laboratory practices followed.
In Case of Spill:	Use appropriate protective equipment and sodium hypochlorite (minimum 4%) to clean up spilled substance. Promptly absorb spill onto an appropriate material. Collect and dispose of all waste in accordance with applicable laws.
Clean-up:	Wash with soap and water.

This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. The above information is correct to the best of our knowledge. Users should make independent decisions regarding completeness of the information based on all sources available. BTF shall not be held liable for any damage resulting from handling or contact with the above product.