



MATERIAL SAFETY DATA SHEET

1. PRODUCT INFORMATION

Product name:	LITE Switch Inducible Expression System
Product no. (research kit):	A001
Product components:	pVEL Vector A001-1 pC120 Vector A001-2
Intended use of product:	Laboratory reagent for in vitro use only. Not intended for human or animal diagnostic or therapeutic use.
Supplier:	Optologix, Inc. PO Box 3877, Dallas, TX 75208, USA www.optologixllc.com support@optologixllc.com

2. HAZARDS IDENTIFICATION

The product contains no substances which at their given concentration, are considered to be hazardous to health.		
Appearance	Physical State	Odor
Clear, colorless solution	Liquid	Odorless

Information on ingredients:	pVEL Vector	Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).
	pC120 Vector	Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

3. FIRST AID MEASURES

Eye contact:	Rinse opened eye immediately with plenty of water for at least 15 minutes. If symptoms arise, consult a physician.
Skin contact:	Wash off immediately with plenty of water for at least 15 minutes. If symptoms arise, consult a physician.
Inhalation:	Move to fresh air. If symptoms arise, call a physician.
Ingestion:	Clean mouth with water and afterwards drink plenty of water. If person feels unwell or is concerned, consult a physician.

4. ACCIDENTAL RELEASE MEASURES

Emergency procedures and personal precautions:	No specific emergency measures are required other than good laboratory hygiene and safety practices. See section 6 for information on personal protection.
Environmental precautions:	Prevent further leakage and avoid release to the environment. See section 7 for disposal information.
Methods for containment and cleaning up:	Contain any spills with absorbents to prevent migration. Soak up liquid spill with inert absorbent material.

5. HANDLING AND STORAGE

Handling:	Always wear recommended Personal Protection Equipment (section 6). No special measures required.
Storage:	Keep in in a dry, cool and well-ventilated place.
Information about protection against explosion and fires:	The product is not flammable.

6. PERSONAL PROTECTIVE EQUIPMENT

Eye protection:	Safety glasses with side-shields.
Skin and body protection:	Wear suitable protective clothing and shoes.
Hand protection:	Impervious gloves.
Respiratory protection:	In case of insufficient ventilation wear suitable respiratory equipment.
Hygiene measures:	When using, do not eat, drink or smoke. Handle in accordance with good laboratory hygiene and safety practice.

7. DISPOSAL CONSIDERATIONS

Waste treatment methods:	Disposal should be in accordance with local, regional and national laws and regulations.
Uncleaned packaging:	Disposal should be in accordance with local, regional and national laws and regulations.

8. TRANSPORTATION INFORMATION

In accordance with DOT. Not hazardous for transport.
 In accordance with IATA. Not classified as dangerous in the meaning of transport regulations.

9. OTHER INFORMATION

This information is disclosed to the best of Optologix's knowledge. This document does not constitute a contractual relationship with product end users or handlers with respect to the possible presence of hazards in this item. Disposal should be in accordance with applicable regional, national, and local laws and regulations.