

## Safety Data Sheet

### 1. Identification

#### Identification of the Substance

Product code PL-PR-100, PL-PR-500, PL-SP-100, PL-SP-500, PL-NH-100, PL-NH-500, TL-PR-50C, TL-PR-100C, TL-PR-150C, TL-PR-250C, TL-PR-500C

Product name nLiven PR™, Stemulate®, T-Liven PR™

#### Company Identification

Sexton Biotechnologies  
1102 Indiana Avenue  
Indianapolis, IN 46202  
info@sextonbio.com  
(317) 650-9679

#### Emergency Response

info@sextonbio.com  
(317) 650-9679

**For in vitro use only. CAUTION: Not for human or animal use.**

### 2. Hazards Identification

In accordance with local and national regulations.

The product is classified and labeled in accordance with Directive 1999/45/EC, Regulation (EC) No 1272/2008.

Classification according to EU Directives 67/548/EEC or 1999/45/EC.

#### European Union

Not hazardous

#### EU Specific Hazard Statements

##### **R-phrase(s)**

None

##### **S-Phrase(s)**

None

#### **CAUTION!**

While this product is not believed to be toxic, hazardous, or dangerous according to OSHA regulations, all blood products should be treated as potentially infectious and handled as if capable of transmitting infectious agents. When handling, follow appropriate guidelines in accordance with good laboratory hygiene and safety protocols. Appropriate clothing should be worn to limit exposure to eyes, skin, and mucous membranes. Wash hands after use of this product.

### 3. Composition/Information on Ingredients

Product description	CAS #	EC No	Annex I Index number
Human Platelet Lysate	None	None	None

### 4. First Aid Measures

<b>Eye Contact</b>	Flush with copious amounts of water. Assure adequate flushing by separating the eyelids with fingers. If irritation occurs, consult a physician.
<b>Skin Contact</b>	Wash with soap and water after each contact. If symptoms occur, consult a physician.
<b>Ingestion</b>	Wash out mouth with water. If swallowed, consult a physician.
<b>Inhalation</b>	Not a likely source of exposure.
<b>Notes to Physician</b>	Treat symptomatically.

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### 5. Fire-Fighting Measures

<b>Suitable Extinguishing Media</b>	Use extinguishing media appropriate to surrounding fire conditions.
<b>Special Protective Equipment for Firefighters</b>	Wear self-contained breathing apparatus and protective suit.

### 6. Accidental Release Measures

<b>Personal Precautions</b>	Use personal protective equipment.
<b>Environmental Precautions</b>	Should not be released into the environment. If leakage has occurred, prevent further leakage or spillage if safe to do so. See Section 12 for additional information.
<b>Methods for Containment/Clean-up</b>	Soak up with inert absorbent material. After clean-up, disinfect affected area. Dispose in biohazard container.

### 7. Handling and Storage

<b>Handling</b>	Avoid contact with skin, eyes, and clothing. Wear personal protective equipment.
<b>Storage</b>	Keep containers tightly closed in a dry, cool, and well-ventilated place. Store at $-20^{\circ}\text{C} \pm 10^{\circ}\text{C}$ .

### 8. Exposure Controls/Personal Protection

<b>Engineering Measures</b>	Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to workstation location.
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#### Personal Protective Equipment

Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

<b>Eye Protection</b>	Wear appropriate protective eyeglasses or chemical safety.
<b>Skin/Body Protection</b>	Wear appropriate protective gloves and clothing to prevent skin exposure.
<b>Respiratory Protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Hygiene Measures</b>	Wash thoroughly after handling.
<b>Environmental Exposure Controls</b>	Handle according to local regulations.

### 9. Physical and Chemical Properties

<b>Physical State</b>	Liquid
<b>Appearance</b>	Yellow-orange
<b>Odor</b>	No information available.
<b>Boiling Point/Range</b>	No data available.
<b>Melting Point/Range</b>	No data available.
<b>Flash Point</b>	Not applicable.
<b>Evaporation Rate</b>	No data available.
<b>Autoignition Temperature</b>	No data available.
<b>Water Solubility</b>	Soluble
<b>Oxidizing Properties</b>	No information available.

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### 10. Stability and Reactivity

<b>Stability</b>	Stable under normal conditions.
<b>Materials to Avoid</b>	No dangerous reaction known under conditions of normal use.
<b>Incompatible Materials</b>	None known.
<b>Hazardous Decomposition Products</b>	None under normal use.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.

### 11. Toxicology Information

Potentially biohazardous material.

#### Route of Exposure

<b>Eyes</b>	May cause eye irritation in susceptible persons.
<b>Skin</b>	May cause skin irritation in susceptible persons.
<b>Inhalation</b>	May be harmful if inhaled.
<b>Ingestion</b>	May be harmful if swallowed.
<b>Carcinogenic Effects</b>	No information available.
<b>Mutagenic Effects</b>	No information available.
<b>Reproductive Effects</b>	No information available.
<b>Developmental Effects</b>	No information available.
<b>Teratogenicity</b>	No information available.
<b>Other Adverse Effects</b>	Toxicological properties have not been thoroughly investigated.
<b>Target Organ Effects</b>	No known effects under normal use conditions.

### 12. Ecological Information

<b>Ecotoxicity Effects</b>	No information available.
<b>Mobility</b>	No information available.
<b>Biodegradation</b>	Inherently biodegradable.
<b>Bioaccumulation</b>	Does not bioaccumulate.

### 13. Disposal Considerations

Dispose of in accordance with local regulations.

### 14. Transport Information

<b>RID/ADR</b>	Non-hazardous for road transport.
<b>IMDG</b>	Non-hazardous for sea transport.
<b>IATA</b>	Non-hazardous for air transport.
<b>Proper Shipping Name</b>	Not classified as dangerous in the meaning of transport regulations.
<b>Hazard Class</b>	None
<b>Subsidiary Class</b>	None
<b>Packing Group</b>	None
<b>Un-No</b>	None

### 15. Regulatory Information

#### CLASSIFICATION AND LABELING ACCORDING TO EU DIRECTIVES

INDICATION OF DANGER: B

Biohazard

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### 16. Other Information

The above information is believed to be correct, acquired by search and/or investigation. The information shall not be taken as being all inclusive and is to be used solely as a guide. It does not represent any guarantee of the properties of the product. All materials and mixtures may present unknown hazards and should be used with caution. Sexton Biotechnologies shall not be held liable for any damage resulting from handling or from contact with the above product. For in vitro use. Not for drug, household, or other use.