# ScyTek Laboratories

| Material Safety Data Sheet A00101-MSDS | | |
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# Laminin

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| **PRODUCT NAME:** | Laminin |
| **CATALOG #:** | A00101, A20101, A00101.0025 |
| **PRODUCT DESCRIPTION:** | Reagent used in immunohistochemical procedures. |
| **COMPOSITION:** | Water, CAS# 7732-18-5<br>Bovine Serum Albumin, CAS# 9048-46-8<br>Mouse Immunoglobulins<br>Sodium Chloride, CAS# 7647-14-5<br>Polyoxyethylene (23) lauryl ether, CAS# 9002-92-0<br>Potassium Phosphate, CAS# 7758-11-4<br>Sodium Azide (≤0.09%w/v), CAS# 26628-22-8<br>May contain additional non-hazardous proprietary ingredients. |
| **PHYSICAL DATA:** | |
| **APPEARANCE / ODOR** | Green liquid.  Very slight odor. |
| **SOLUBILITY IN WATER** | Soluble. |
| **VAPOR DENSITY** | N/A |
| **VAPOR PRESSURE** | N/A |
| **EVAPORATION RATE** | N/A |
| **MELTING POINT** | N/A |
| **BOILING POINT** | N/A |
| **FLASH POINT** | Aqueous solution. |
| **AUTO-IGNITION POINT** | Aqueous solution. |
| **LOWER EXPLOSIVE LIMIT IN AIR** | Aqueous solution. |
| **UPPER EXPLOSIVE LIMIT IN AIR** | Aqueous solution. |
| **FIRE AND EXPLOSION HAZARD DATA:** | Extinguish fire using water spray, carbon dioxide, chemical foam, or dry chemical.<br>Wear personal protection equipment, including a self-contained breathing apparatus (S.C.B.A.)<br>May produce toxic fumes of phosphoxides and sodium oxides under fire conditions. |
| **REACTIVITY DATA:** | |
| **STABILITY** | Stable. |
| **INCOMPATIBLE MATERIALS** | Strong acids, and oxidizers. |
| **HAZARDOUS DECOMPOSITION PRODUCTS** | May produce toxic fumes of phosphoxides and sodium oxides under fire conditions. |
| **HAZARDOUS POLYMERIZATION** | None reported. |
| **HEALTH HAZARD DATA:** | |
| **ACUTE EFFECTS:** | **Eye Contact:**  May cause irritation and redness.<br>**Skin Contact:**  May irritate skin.<br>**Ingestion:**  May irritate gastrointestinal system.<br>**Inhalation:**  May irritate respiratory tract. |
| **CHRONIC EFFECTS:** | **Eye Contact:**  Unknown.<br>**Skin Contact:**  Unknown.<br>**Ingestion:**  Unknown.<br>**Inhalation:**  Unknown. |

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| **FIRST AID:** | **Eye Contact:** Immediately flush eyes with copious amounts of water and get immediate medical attention.<br>**Skin Contact:** Remove contaminated clothing and wash contact area with mild soap and copious amounts of water. Get medical attention if irritation develops.<br>**Inhalation:** Remove person to fresh air. Get medical attention if symptoms worsen.<br>**Ingestion:** Get immediate medical attention. |
| **ADDITIONAL INFORMATION:** | Laboratory experiments in animals have shown Sodium Azide to produce a profound hypotensive effect, demyelination of myelinated nerve fibers in the central nervous system, testicular damage, blindness, attacks of rigidity, hepatic and cerebral effects. |
| **HMIS HAZARD CODES:** | <table><tr><td>HEALTH</td><td>1</td></tr><tr><td>FLAMMABILITY</td><td>0</td></tr><tr><td>PHYSICAL HAZARD</td><td>0</td></tr><tr><td>PERSONAL PROTECTION</td><td>B</td></tr></table> |
| **SPILL OR LEAK PROCEDURES:** | Wear chemical resistant clothing, gloves, and eye protection. Wear NIOSH/MSHA approved breathing apparatus. Keep material away from heat, flame, ignition sources, and reactive materials. Wipe up or absorb spill using inert absorbent and place in a suitable waste container for disposal. |
| **WASTE DISPOSAL METHOD:** | Observe all federal, state and local environmental regulations. |
| **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** | Wear protective clothing.<br>Avoid contact with skin and eyes. Wash thoroughly after handling.<br>Keep tightly closed.<br>Irritant.<br>Keep container tightly closed. |
| **ADDITIONAL COMMENTS:** | The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. ScyTek Laboratories shall not be held liable for any damage resulting from handling or from contact with the above product. |