



**\*\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*\***

Product Name: Bioactive, Human Claudin-9 Full Length Protein, Displayed on Nanoparticles

**\*\*\*\* SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION \*\*\*\***

Product Name: Bioactive, Human Claudin-9 Full Length Protein, Displayed on Nanoparticles  
Product Code: CMP-24009

Company Identification: CONIGEN BIOSCIENCE, INC  
17 Briden Street, Worcester, MA 01605

For information, call: 508-388-4188

**\*\*\*\* SECTION 2 - HAZARDS IDENTIFICATION \*\*\*\***

Classification of the substance or mixture  
GHS Classification in accordance  
with 29 CFR 1910 (OSHA HCS) Not hazardous

**\*\*\*\* SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS \*\*\*\***

The product contains no substances which at their given concentration are hazardous to health.

**\*\*\*\* SECTION 4 - FIRST AID MEASURES \*\*\*\***

Eyes: Rinse opened eye for at least 15 minutes under running water, lifting upper and lower eyelids occasionally.  
Seek medical attention.  
Skin: Remove contaminated clothing. Immediately wash with plenty of soap and water for at least 15 minutes.  
Seek medical attention.  
Ingestion: Rinse mouth and drink plenty of water if swallowed. Do not induce vomiting without professional guidance.  
Get immediate medical attention  
Inhalation: In case of unconsciousness, place patient on side position for transportation. If not breathing, give artificial  
respiration. Supply fresh air or oxygen; seek medical attention immediately.

**\*\*\*\* SECTION 5 - FIRE FIGHTING MEASURES \*\*\*\***

Fight larger fires with water or alcohol resistant foam. Firefighters should wear protective equipment and self-contained breathing apparatus. As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source.

**\*\*\*\* SECTION 6 - ACCIDENTAL RELEASE MEASURES \*\*\*\***

Personal Precautions: Use personal protective equipment.  
Methods for Cleaning Up: Take up mechanically and collect in suitable container for disposal.



\*\*\*\* SECTION 7 - HANDLING AND STORAGE \*\*\*\*

Handling: Wear personal protective equipment.  
Storage: Keep in properly labelled containers.

\*\*\*\* SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION \*\*\*\*

Engineering Controls: Ensure adequate ventilation, especially in confined areas

**Personal Protective Equipment**

|                           |  |
|---------------------------|--|
| Respiratory Protection:   | In case of insufficient ventilation wear suitable respiratory equipment. |
| Hand Protection:          | Protective gloves.   |
| Eye Protection:           | Safety glasses with side-shields.  |
| Skin and Body Protection: | Lightweight protective clothing.   |
| Hygiene Measures:         | Handle in accordance with good industrial hygiene and safety practice.   |
| Environmental Exposure:   | Prevent products from entering drains.                                   |

\*\*\*\* SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES \*\*\*\*

**General Information**

Form: Liquid

Important Health Safety and Environmental Information

|                          |                          |                      |
|--------------------------|--------------------------|----------------------|
| Boiling Point/Range      | °C No data available     | °F No data available |
| Melting Point/Range      | °C No data available     | °F No data available |
| Flash Point              | °C No data available     | °F No data available |
| Autoignition Temperature | °C No data available     | °F No data available |
| Oxidizing Properties     | No information available |                      |
| Water Solubility         | No data available        |                      |

\*\*\*\* SECTION 10 - STABILITY AND REACTIVITY \*\*\*\*

|                                  |  |
|----------------------------------|--|
| Stability                        | Stable                                   |
| Materials to Avoid               | No Information available                 |
| Hazardous Decomposition Products | No Information available                 |
| Polymerization                   | Hazardous polymerization does not occur. |

\*\*\*\* SECTION 11 - TOXICOLOGICAL INFORMATION \*\*\*\*

|                |                          |
|----------------|--------------------------|
| Acute Toxicity | No Information available |
|----------------|--------------------------|

\*\*\*\* SECTION 12 - ECOLOGICAL INFORMATION \*\*\*\*

|                  |                          |
|------------------|--------------------------|
| Ecotoxicity      | No Information available |
| Mobility         | No Information available |
| Bio-degeneration | Inherently biodegradable |
| Bioaccumulation  | Does not bioaccumulate   |



\*\*\*\* SECTION 13 - DISPOSAL CONSIDERATIONS \*\*\*\*

Dispose of in accordance with local regulations

\*\*\*\* SECTION 14 - TRANSPORT INFORMATION \*\*\*\*

Transportation information-DOT/IATA/IMDG  
Not dangerous goods. Be available for any mode of transportation.

\*\*\*\* SECTION 15 - REGULATORY INFORMATION \*\*\*\*

This safety datasheet complies with the requirements of Regulation (EC) No. 1272/2008 (CLP/EU-GHS), 29 CFR 1910.1200 (OSHA), Safety, health and environmental regulations/legislation specific for the substance or mixture---no data available Chemical Safety Assessment---For this product a chemical safety assessment was not carried out.

\*\*\*\* SECTION 16 - OTHER INFORMATION\*\*\*\*

For research use only

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Conigen Bioscience shall not be held liable for any damage resulting from handling or from contact with the above product.