

# SAFETY DATA SHEET

## SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

|   |                               |                                |           |
|---|-------------------------------|--------------------------------|-----------|
| Product Identifier<br>ElectroGel                          |                               | [WHMIS Classification]<br>NONE |           |
| Product Use<br>Oral Electrolyte Replacement for Livestock |                               |                                |           |
| Manufacturer's Name<br>Bio-Nutrition Laboratories, Ltd.   |                               | Supplier's Name<br>Same        |           |
| Street Address<br>500 North Link Lane                     |                               | Street Address                 |           |
| City<br>Fort Collins                                      | State<br>Colorado             | City                           | State     |
| Postal Code<br>805254                                     | Emergency<br>800-424-9300     | Postal Code                    | Emergency |
| Date MSDS Prepared<br>January, 2020                       | MSDS Prepared By<br>M. Kitten | Phone Number<br>575-291-7055   |           |

## SECTION 2 — HAZARDS IDENTIFICATION

**Appearance: Brown Thick Gel**

**WHMIS Symbols] NONE. CAUTION MAY CAUSE EYE IRRITATION, KEEP AWAY FROM EYES. NOT FOR HUMAN USE**

[Emergency Overview]

Potential Health Effects

**EYE CONTACT:** Contact with Gel may cause eye irritation

**SKIN CONTACT:** No known effects

**INHALATION:** No known effects

**SPECIAL** N/A

**CONSIDERATIONS:**

## SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Ingredients ( <i>specific</i> ) | % | CAS Number | LD <sub>50</sub> of Ingredient<br>( <i>specify species and route</i> ) | LC <sub>50</sub> of Ingredient ( <i>specify species</i> ) |
|---|---|------------|--|---|
| N/A                                       |   |            |  |   |
|   |   |            |  |   |

## SECTION 4 — FIRST AID MEASURES

Eye Contact Wash eyes with plenty of water for at least 15 minutes. If easy to do, remove any contact lenses. Get medical attention if irritation persists.

Ingestion Wash mouth out with water and give a cupful of water. If large quantities of this product are swallowed, call a physician or Poison Control Center. Do not induce vomiting unless directed to do so by

## SECTION 5 — FIRE FIGHTING MEASURES

|  |  |  |  |
|--|--|--|--|
| Flammable<br>Yes   | <input checked="" type="checkbox"/> No         | If yes, under which conditions?                |  |
| Means of Extinction<br>Soak with water   |  |  |  |
| Flashpoint (° F) and Method<br>Flash Point: Not Determined   | Upper Flammable Limit (% by volume)<br>Unknown | Lower Flammable Limit (% by volume)<br>Unknown |  |
| Auto ignition Temperature (°F)<br>N/D  | Explosion Data — Sensitivity to Impact<br>No   | Explosion Data -N/A                            |  |
| As in any fire, wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear. Equipment should be thoroughly decontaminated after use |  |  |  |
| Hazardous Combustion Products: None  |  |  |  |

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

|                              |  |
|------------------------------|--|
| Leak and Spill Procedures    |  |
| PERSONAL PRECAUTIONS:        | Wear appropriate personal protective equipment as specified in Section 8.  |
| ENVIRONMENTAL PRECAUTIONS:   | Spilled gel is not likely to migrate to the environment. Minimize use of water to prevent environmental contamination.   |
| METHODS OF CONTAINMENT:      | If product is to be reclaimed for use, avoid contamination of any material not spilled from original product containers. Use only equipment known to be clean and suitable for food-grade product service in handling any product for potential salvage. |
| <b>METHODS FOR CLEAN UP:</b> | Wipe up spilled material with paper towel or cloth. Place recovered material in a suitable container. After removing all possible material, wash contaminated with water. Dispose of in accordance with federal, state or local procedures.              |

## SECTION 7 — HANDLING AND STORAGE

|   |
|---|
| Storage Requirements:   |
| HANDLING: Avoid contact with eyes. Keep container closed.     |
| STORAGE: Store under sanitary conditions in a cool dry place. |

## SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

|   |  |  |  |
|---|--|--|--|
| Exposure Limits   | <input checked="" type="checkbox"/> ACGIH TLV  | <input checked="" type="checkbox"/> OSHA PEL | <input type="checkbox"/> Other (specify) |
| <b>EXPOSURE GUIDELINES:</b> No ingredients present at >1% have airborne exposure limits   |  |  |  |
| OSHA and ACGIH have established nuisance dust limits:   |  |  |  |
| <p style="text-align: center;">OSHA PEL: 15 mg/M<sup>3</sup> (total dust) 8-hr TWA<br/> OSHA PEL: 5 mg/M<sup>3</sup> (respirable) 8-hr TWA<br/> ACGIH Guideline: 10 mg/M<sup>3</sup> (total dust) 8-hr TWA<br/> ACGIH Guideline: 3 mg/M<sup>3</sup> (respirable) 8-hr TWA</p> |  |  |  |
| ENGINEERING CONTROLS: Provide good ventilation to minimize exposure. If practical, use local mechanical exhaust ventilation at sources of air contamination such as open process equipment.   |  |  |  |
| Personal Protective Equipment   | <input type="checkbox"/> Gloves  | <input type="checkbox"/> Respirator          | <input type="checkbox"/> Eye             |
|   | <input type="checkbox"/> Footwear  | <input type="checkbox"/> Clothing            | <input type="checkbox"/> Other           |
| No special PPE necessary, but one could follow these guidelines:  |  |  |  |
| <b>PERSONAL PROTECTIVE EQUIPMENT:</b>   |  |  |  |
| <b>EYE PROTECTION:</b>  | Wear safety glasses or chemical goggles. Have eye flushing equipment available.                            |  |  |
| <b>SKIN PROTECTION:</b>   | Wear suitable protective clothing.   |  |  |
| <b>GENERAL HYGIENE CONSIDERATIONS:</b>  | Launder contaminated clothing and clean protective equipment before reuse. Wash thoroughly after handling. |  |  |

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

|                             |  |                                   |
|-----------------------------|--|-----------------------------------|
| Physical State<br>Gel Paste | Odour and Appearance<br>Light sweet aroma, Brown Thick Gel | Odour Threshold (ppm)<br>Unknown  |
| Specific Gravity            | Vapour Density (air = 1)<br>Unknown                        | Vapour Pressure (mmHg)<br>Unknown |
| Evaporation Rate<br>Unknown | Boiling Point (° F)<br>Unknown                             | Freezing Point (° F)              |
| pH<br>Neutral               | Coefficient of Water/Oil Distribution<br>Unknown           | [Solubility in Water]             |

## SECTION 10 — STABILITY AND REACTIVITY

|   |  |
|---|--|
| <b>CHEMICAL STABILITY:</b>                          | Stable under expected and reasonable conditions of storage or use. |
| <b>CONDITIONS TO AVOID:</b>                         | Avoid elevated temperatures  |
| <b>INCOMPATIBILITIES:</b>                           | Strong reducing or oxidizing agents                                |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>            | No uniquely hazardous decomposition products are expected.         |
| <b>HAZARDOUS POLYMERIZATION or OTHER REACTIONS:</b> | None expected.   |

## SECTION 11 — TOXICOLOGICAL INFORMATION

|   |                           |
|---|---------------------------|
| None Known  |                           |
| Effects of chronic exposure   |                           |
| None Known  |                           |
| Bio-Nutrition Laboratories, Ltd. has not conducted any toxicological studies with this product. |                           |
| Irritancy of Product Non Irritant under normal conditions                                       |                           |
| Skin sensitization  | Respiratory sensitization |
| Carcinogenicity-IARC  | Carcinogenicity - ACGIH   |
| Reproductive toxicity   | Teratogenicity            |
| Embrototoxicity   | Mutagenicity              |
| Name of synergistic products/effects  |                           |

## SECTION 12 — ECOLOGICAL INFORMATION

Aquatic Toxicity? Prevent runoff from entering waterways or sewers.

Bio-Nutrition Laboratories, Ltd has not conducted aquatic toxicity or environmental fate studies with this product

## SECTION 13 — DISPOSAL CONSIDERATIONS

Dispose of all empty containers, contaminated products, debris, and clean up materials in accordance with applicable Federal, state or local procedures. Do not reuse containers.

## SECTION 14 — TRANSPORT INFORMATION

Special Shipping Information

Not hazardous for transport

TDG

[DOT]

[IMO]

[ICAO]

## SECTION 15 — REGULATORY INFORMATION

[WHMIS Classification]

[OSHA]

[SERA] CFR Part  
370:

[TSCA]

## SECTION 16 — OTHER INFORMATION

HMIS® Hazard Health=0, Flammability=0, Physical Hazards=0; PPE=0

Supersedes MSDS Number: New Product Name

Revision Information: Not Applicable

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