

SAFETY DATA SHEET

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier ElectroGel		[WHMIS Classification] NONE	
Product Use Oral Electrolyte Replacement for Livestock			
Manufacturer's Name Bio-Nutrition Laboratories, LLC		Supplier's Name Same	
Street Address 1713 E Lincoln Ave		Street Address	
City Fort Collins	State Colorado	City	State
Postal Code 80524	Emergency 575-291-7055	Postal Code	Emergency
Date MSDS Prepared July , 2026	MSDS Prepared By Samuel Altman	Phone Number 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 ₅₀ of Ingredient (<i>specify species and route</i>)	LC ₅₀ 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 Yes ☒ No	If yes, under which conditions?	
Means of Extinction Soak with water		
Flashpoint (° F) and Method Flash Point: Not Determined	Upper Flammable Limit (% by volume) Unknown	Lower Flammable Limit (% by volume) Unknown
Auto ignition Temperature (°F) N/D	Explosion Data — Sensitivity to Impact 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.
<i>METHODS FOR CLEAN UP:</i>	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	☒ ACGIH TLV	☒ OSHA PEL	☐ Other (specify)
EXPOSURE GUIDELINES: No ingredients present at >1% have airborne exposure limits OSHA and ACGIH have established nuisance dust limits: OSHA PEL: 15 mg/M³ (total dust) 8-hr TWA OSHA PEL: 5 mg/M³ (respirable) 8-hr TWA ACGIH Guideline: 10 mg/M³ (total dust) 8-hr TWA ACGIH Guideline: 3 mg/M³ (respirable) 8-hr TWA			
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	☐ Gloves	☐ Respirator	☐ Eye ☐ Footwear ☐ Clothing ☐ Other
No special PPE necessary, but one could follow these guidelines: PERSONAL PROTECTIVE EQUIPMENT: EYE PROTECTION: SKIN PROTECTION: GENERAL HYGIENE CONSIDERATIONS: Wear safety glasses or chemical goggles. Have eye flushing equipment available. Wear suitable protective clothing. Launder contaminated clothing and clean protective equipment before reuse. Wash thoroughly after handling.			

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

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

SECTION 10 — STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable under expected and reasonable conditions of storage or use.
CONDITIONS TO AVOID:	Avoid elevated temperatures
INCOMPATIBILITIES:	Strong reducing or oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS:	No uniquely hazardous decomposition products are expected.
HAZARDOUS POLYMERIZATION or OTHER REACTIONS:	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
Although the information and recommendations set forth herein ("Information") are presented in good faith and believed to be correct as of the date hereof, Bio-Nutrition Laboratories, Ltd makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Bio-Nutrition Laboratories, Ltd be responsible for damages of any nature whatsoever resulting from the use of or reliance upon Information. Nothing contained herein is to be construed as a recommendation to use any products, process, equipment or formulation in conflict with any patent and Bio-Nutrition Laboratories, Ltd makes no representation or warranty, express or implied, that the use thereof will not infringe any patent. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.
®HMIS is a registered trademark of the National Paint and Coatings Association