

**MATERIAL SAFETY DATA SHEET**

**SECTION I - MATERIAL IDENTIFICATION AND USE**

**Material Name Identifier:**

**LNC-2611A Electrolyte**

Supplier Name: Sterling Marking Products Inc.  
Street Address: 349 Ridout St. N.,  
City and Province: London, Ontario  
Postal Code: N6A 2N8

Telephone Numbers: (519) 434-5785, (800) 265-5957  
Fax Number: (519) 434-9516, (800) 667-6600  
Webpage: <http://www.sterling.ca>

**Emergency Telephone Number: CANUTEC (613) 996-6666; Cellular \*666**

Material Use: **Electrolyte**

**TDG Shipping Information:**

**Not regulated**

**WHMIS Classification:**

Class D, Division 2B - Skin/Eye Irritant

**IATA Shipping (Air):**

Not regulated

**SECTION II - HAZARDOUS INGREDIENTS**

Component	CAS Registry	Toxicology	Concentration % (w/w)
Proprietary	Proprietary	Nitrate Salts - Slight skin irritant 5% Chloride Salts (2) - Non-hazardous 8% Sequestering Agent (Citric) - Slight irritant 2% Anionic Surfactant - Skin and eye irritant 2%	17
Water		Non-hazardous	83

**Note: All ingredients are listed on the Domestic Substances List (DSL) and the Toxic Substances Control Act (TSCA) list.**

**SECTION III - PHYSICAL DATA**

Physical State: Liquid  
Specific Gravity: Approx. 1.03  
Colour: Reddish  
Viscosity: As water

Vapour Pressure: Not established  
Boiling Point (°C): 100  
Odour: Slight  
Solubility in Water (20 °C): Complete  
Flash Point (°C): None

**SECTION IV - FIRE AND EXPLOSION DATA**

Flammability: Not flammable  
LEL (% vol) lowest value of components: Not applicable  
UEL (% vol) highest value of components: Not applicable  
Hazardous Combustion Products: Not established  
Means of Extinction: Will not burn.

Flash Point (°C TCC): None

## SECTION V - REACTIVITY DATA

Stability: Stable  
Incompatibility: Not established  
Hazardous Decomposition Products: Not established

## SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye, Skin  
Effects of Acute Exposure:  
**Eye:** Can cause irritation.  
**Skin:** Prolonged or repeated contact can cause minor skin irritation.  
Effects of Chronic Exposure:  
**None**  
**Irritancy:** Hazardous by WHMIS criteria  
**Respiratory Tract Sensitization:** Not hazardous by WHMIS criteria  
**Carcinogenicity:** Not hazardous by WHMIS criteria  
**Synergistic Materials:** Not hazardous by WHMIS criteria  
**Reproductive Effects:** Not hazardous by WHMIS criteria  
**Teratogenicity:** Not hazardous by WHMIS criteria  
**Mutagenicity:** Not hazardous by WHMIS criteria

## SECTION VII - PREVENTATIVE MEASURES

**Gloves:** Gloves are recommended for repeated or prolonged contact or on sensitive skin.  
**Eye Protection:** Wear safety glasses meeting the specification of ANSI Z87.1 where contact with the eye is anticipated. Chemical safety goggles meeting the specifications of ANSI Z87.1 should be worn whenever there is a possibility of splashing or other contact with the eyes.  
**Respiratory Protection:** None required.  
**Other Protective Equipment:** As necessary to avoid prolonged contact.  
**Engineering Controls:** None required.  
**Leak and Spill Procedure:** Before attempting clean-up, refer to hazard data given above. Keep spectators away. Eliminate all ignition sources. Dike and contain small spills with an inert material and placed in suitable, covered labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.  
**Waste Disposal:** Review federal, provincial and local government requirements prior to disposal.  
**Storage Requirements:** Store in a tightly closed container. Ensure all bottles are properly labeled.

## SECTION VIII - FIRST AID

Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

**Eye:** Immediately flush eyes with a directed stream of water for at least 20 minutes, while holding eyelids open. If irritation or redness develops or persists, get medical attention.

**Skin:** Flush affected areas with large amounts of water, remove contaminated clothing. Wash affected areas thoroughly with soap and water. If irritation or redness develops or persists, get medical attention.

**Inhalation:** Not an expected route of exposure. If breathing difficulties develop, Remove victim to fresh air. If victim is not breathing, administer artificial respiration and get medical attention.

**Ingestion:** Not an expected route of exposure. **DO NOT INDUCE VOMITING.** If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs (Aspiration pneumonitis can be fatal). If victim conscious and alert, give victim lukewarm water. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing. **GET IMMEDIATE MEDICAL ATTENTION.**

**SECTION IX - PREPARATION AND ADDITIONAL INFORMATION**

**Prepared by:** Sterling Marking Products Inc.  
Quality Planning and Engineering Department  
349 Ridout St., N.  
London, Ontario N6A 5S4

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Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that user of this material has been fully trained according to the mandatory requirements of WHMIS. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8276) or CSST in Montreal, Quebec (514-873-3990).