

MATERIAL SAFETY DATA SHEET

SECTION I - MATERIAL IDENTIFICATION AND USE

Material Name Identifier:

Lectroetch Neutralyte Cleaner

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: **Cleaner**

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)
Sodium Nitrate	7632-00-0	TLV: Not available L _D 50: Not available L _C 50: Not available	2
Water		TLV: Not available L _D 50: Not available L _C 50: Not available	96

Balance of materials not considered hazardous

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 1.01 (water = 1)
 Colour: Pink
 Viscosity: Not Available
 Clarity: Transparent

Vapour Pressure: Unknown
 Boiling Point (°C): 100
 Melting Point (°C): -4.4
 Solubility in Water (20 °C): Complete
 Odour: none

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Not flammable

Flash Point (°C TCC): None

LEL (% vol) lowest value of components: Not applicable
UEL (% vol) highest value of components: Not applicable
Hazardous Combustion Products: Not established
Means of Extinction: N/A for solution; water fog, CO₂; foam for dry residue
Special Fire Fighting Procedures: For dry residue, wear NIOSH approved protective clothing and self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: Dry residue is oxidizing agent, can accelerate or stimulate combustion. Exposure to temperatures of over 538 °C can cause explosion.

SECTION V - REACTIVITY DATA

Stability: Stable
Incompatibility: Acids, reducing agents, organic compounds, secondary amines.
Hazardous Decomposition Products: Toxic oxides of nitrogen and carbon.
Hazardous Polymerization: Will not occur.

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye, Skin, Inhalation
Effects of Acute Exposure:
Eye: Can cause irritation.
Skin: Prolonged or repeated contact can cause minor skin irritation.
Inhalation: Can cause irritation.
Effects of Chronic Exposure:
Nitrates may react with secondary amines forming potentially carcinogenic nitrosamines.
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: Rubber for sensitive skin.
Eye Protection: Chemical safety goggles.
Respiratory Protection: None required.
Other Protective Equipment: As necessary to avoid prolonged contact.
Engineering Controls: None required.
Leak and Spill Procedure: Contain spill and soak up in a suitable absorbent. Shovel up into plastic-lined steel container and cover.
Waste Disposal: Review federal, provincial and local government requirements prior to disposal.
Storage Requirements: Store in a cool, dry place. Keep away from acids, reducing agents, and organic compound. Store above freezing temperatures.

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 15 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).