

Part Number(s): 1L/CL/6

MATERIAL SAFETY DATA SHEET

SECTION I - MATERIAL IDENTIFICATION AND USE

Material Name Identifier:

1L/CL/6 Flushing Fluid

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>
 E-Mail: sales@sterling.ca

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

Material Use: **Cleaning agent**

TDG Shipping Information:

Not regulated

WHMIS Classification:
 Not Regulated

IATA Shipping (Air):
 Not regulated

SECTION II - HAZARDOUS INGREDIENTS

Component	CAS Registry	Toxicology	Concentration % (w/w)
Ethanediol	107-21-1	ACGIH TWA-8 hrs 10 mg/m3 LD50: Not Available LC50: Not Available	5-10

SECTION III - PHYSICAL DATA

Physical State: Liquid
 Colour: Colourless
 Relative Density: ~ 0.95 – 1 @ 20°C
 Solubility in Water: Miscible with water

Boiling Point (°C): 100 – 105 (760 mm Hg)
 Odour: Solvent
 Auto Ignition Temperature (°C): >200
 Flashpoint (°C): >120 (Closed cup)

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 known
 Means of Extinction: This product contains mostly water and will not burn until dry. Use media suitable for extinguishing fire.
 Plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists.



SECTION V - REACTIVITY DATA

Stability: Stable

Incompatibility: None known

Conditions to Avoid: Freezing, Heat, Contact with strong oxidizers

Hazardous Decomposition Products: Fire creates Carbon Monoxide (CO) Carbon Dioxide (CO₂)

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye, Skin, Ingestion, Inhalation

Effects of Acute Exposure: No specific health warnings noted.

Effects of Chronic Exposure:

No specific health warnings noted. This product has low toxicity. Only large volumes may have adverse impact on human health.

Irritancy: Not hazardous by WHMIS criteria

Respiratory Tract Sensitization: Not hazardous by WHMIS criteria.

Carcinogenicity: Not hazardous by WHMIS criteria.

Synergistic Materials: None.

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.

Eye Protection: Safety goggles are recommended.

Respiratory Protection: No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended workplace exposure limit.

Other Protective Equipment: Eye wash fountain in the immediate work area.

Engineering Controls: All handling to take place in a well-ventilated area.

Hygiene Measures: Do not smoke in work area. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. Wash at the end of each work shift before eating, smoking, and using the toilet. When using do not eat, drink, or smoke.

Leak and Spill Procedure: Small spillages collect with absorbent, non-combustible material into suitable containers. Large spillages absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer.

Waste Disposal: Review federal, provincial and local government requirements prior to disposal.

Storage Requirements: Store in a tightly closed container in a dry, cool and well-ventilated place. Keep in original container. Protect from light, including direct sunrays.

SECTION VIII - FIRST AID

General Information: General first aid, rest, warmth and fresh air.

Eye: Promptly wash eyes with plenty of water while lifting the eye lids.

Skin: Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritation persists after washing.

Inhalation: Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

Ingestion: Not an expected route of exposure. Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Get medical attention, if warranted. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

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).