



ITEM NUMBER: 15-00530-1P  
ITEM DESCRIPTION: **Blue Etch CCRC (1gl)**  
REVISION DATE: 10/01/03

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INHALATION: Product may cause the following: If vapors, mists and sprays of this product are inhaled, this may irritate nose, throat and lungs.

INGESTION: Product may cause the following: Irritating to the digestive tract and may cause headaches, central nervous system depression and nausea.

CHRONIC EFFECTS OF OVEREXPOSURE: None established.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Preexisting skin, eye and respiratory disorders as well as impaired liver and kidney functions may be aggravated by exposure to this product.

OTHER INFORMATION: TARGET ORGANS: None.

CARCINOGEN: The ingredients in this product have not been identified as a carcinogen by: OSHA      NTP      IARC

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### SECTION 5 - ACCIDENTAL RELEASE INFORMATION

1. Remove all ignition sources.
2. Ventilate area of spill or leak.
3. For small quantities, absorb on paper towels. Evaporate in a safe place (such a fume hood). Allow sufficient time for evaporating vapors to completely clear the hood and ductwork. Burn the papers in a suitable location away from combustible materials. Petroleum distillates should not be allowed to enter a confined space, such as a sewer, because of the possibility of an explosion.

If spill of any amount is made into or upon navigable waters, the contiguous zone, or adjoining shorelines, notify the National Response Center at 800-424-8802. If spill in excess of the EPA reportable quantity is released off-site to air, water or land, immediately notify the National Response Center.

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### SECTION 6 - FIRST-AID PROCEDURES

EYE CONTACT: Immediately flush with water for at least 15 minutes. Remove contact lenses. Get medical attention.

SKIN CONTACT: Remove all contaminated clothing. Wash skin with soap and water. Get medical attention if indicated.

INHALATION: Remove victim to fresh air. Give artificial respiration or oxygen if needed. Get medical attention if indicated.

INGESTION: If this product is swallowed, call a physician or poison control center immediately. For quick response, the individual should drink milk or large quantities of water. Only induce vomiting as directed by medical personnel. NEVER give anything by mouth to an unconscious person.

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### SECTION 7 - FIRE AND EXPLOSION INFORMATION

AUTOIGNITION TEMP: unknown

EXPLOSIVE LIMITS IN AIR: unknown

EXTINGUISHING AGENTS: Use the following media when fighting fires: water spray, CO<sub>2</sub>, dry chemical, foam.

SPECIAL FIRE FIGHTING INSTRUCTIONS: Use self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

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### SECTION 8 - REACTIVITY INFORMATION

STABILITY: Stable  
 CONDITIONS TO AVOID: None  
 INCOMPATIBILITY (Materials to avoid): Oxidizing materials can cause a reaction.  
 HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon upon combustion.  
 HAZARDOUS POLYMERIZATION: Will not occur.

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### SECTION 9 - HANDLING & STORAGE PROCEDURES

EYE PROTECTION: Chemical safety splash goggles.  
 SKIN PROTECTION: Neoprene or natural rubber gloves should be worn.  
 VENTILATION REQUIREMENTS: General mechanical ventilation of area is recommended.  
 RESPIRATORY PROTECTION: NIOSH recommended if above TLV.  
 STORAGE PRECAUTIONS: Protect against physical damage to containers. Store in a cool, well ventilated area. Keep away from heat and oxidizing materials. Keep out of the reach of children. For industrial use only.  
 OTHER: Safety shower and eye wash should be available.

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### SECTION 10 - SPILL AND DISPOSAL INFORMATION

LARGE SPILLS: Eliminate all sources of ignition. Evacuate unprotected personnel from area. Maintain adequate ventilation. Use proper safety equipment. Contain spill and pump to suitable container. Wash area with suitable detergent and water. Thoroughly rinse area with water. Avoid direct discharge to sewers and surface waters.  
 SMALL SPILLS: Use absorbent material to collect spill and put in appropriate container for disposal. Wash area with suitable detergent and water. Thoroughly rinse area with water.  
 DISPOSAL METHOD: DO NOT pressurize, cut, weld, braze, solder, drill, grind or expose empty containers to heat, flame, sparks or other sources of ignition. Use appropriate container and dispose in an approved, licensed site facility. NOTE: Dispose of all wastes in accordance with federal, state and local regulations.

IN CASE OF EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CALL CHEMTREC 1-800-424-9300.

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### SECTION 11 - TOXICOLOGY INFORMATION

	LD50 Rat, oral	LC50 Rat, inh.
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Phosphoric acid	1530 mg/kg	N/E
	LD50 Rat, oral	LC50 Rat, inh.
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n-Propyl Alcohol	1.87 g/kg	13058-14038 ppm/4hr

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### SECTION 12 - ECOLOGY INFORMATION

ALL WORK PRACTICES SHOULD BE AIMED AT PREVENTING ANY RELEASE TO THE ENVIRONMENT.

ENVIRONMENTAL STABILITY: All components of this product are stable in the environment. The solvents in this product may show significant environmental stability by absorption to soil.

EFFECT OF MATERIAL ON PLANTS OR ANIMALS: Impact on plants or animals will be the result of exposure to the solvent components. Plants may be stressed as a result of a large release to the environment. The following aquatic toxicity information as available for the components of this product.

EFFECT OF CHEMICAL ON AQUATIC LIFE: No specific information is available on the effect of this product on aquatic life. The solvent components may cause significant harm to aquatic life, if released to bodies of water in large volume.

### SECTION 13 - REGULATORY INFORMATION

Chemical Control Law Status: All components of this product are listed or are excluded from listing in Section 9 of the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

CANADIAN DSL/NDSL INVENTORY STATUS: The components of this product are listed or are excluded from listing on the DSL/NDSL Inventory.

This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) as prescribed by Canadian (WHMIS) regulations.

U.S. SARA REPORTING REQUIREMENTS: The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act and are listed as follows:

CHEMICAL NAME	SARA 302/304 (40CFR355)	SARA 311/312 (40CFR355)	SARA 313 (40CFR372)
Phosphoric Acid	No	Yes	Yes
n-Propyl Alcohol	No	Yes	No

### SECTION 14 - TRANSPORTATION INFORMATION

DOT SHIPPING NAME: COMPOUNDS, CLEANING LIQUID

HAZARDOUS CONTENTS: NONREGULATED

DOT HAZARD CLASS:

ID NUMBER:

PACKAGING TYPE:

The exception for combustible liquids are applicable to non bulk shipments [under 450L (119 gal.)], unless the shipment is via vessel or aircraft. Refer to 49 CFR 173.150 for additional information.

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MARINE POLLUTANT: This product does not contain any components which are designed by the Department of Transportation to be marine pollutants per 49 CFR 172.101 Appendix B.

TRANSPORT CANADA TRANSPORTATION OF DANGEROUS GOODS REGULATION: This material is not considered as dangerous goods. The flash point is above 60 deg. C (140 F), and the liquid is not regulated under TC standards.

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#### **SECTION 15 - ADDITIONAL INFORMATION**

None currently available.

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#### **SECTION 16 - END OF DOCUMENT**

END OF DOCUMENT  
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NOTE: This MSDS supercedes all previously dated MSDS for this product.

DISCLAIMER: The information in this document is believed to be correct as of the date issued. However, no warranty of merchantability, fitness for any particular purpose, or any other warranty is expressed or is to be implied regarding the accuracy or completeness of this information, the results to be obtained from the use of this information or the product, the safety of this product, or the hazards related to its use.

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