

1. PRODUCT AND COMPANY IDENTIFICATION**PRODUCT DESCRIPTION:** Hudson Blue Coolant**PRODUCT CODE:** CL-BL1G**MANUFACTURER**

Hudson Supply Company

4500 Lee Rd

Cleveland, OH 44128-2959

Customer Service: (800) 486-0480**24 HR. EMERGENCY TELEPHONE NUMBERS****CHEMTREC (U.S.):** (800) 424-9300**Emergency Phone:** (800) 424-9300**2. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>Chemical Name</u>	<u>Wt. %</u>	<u>CAS#</u>
Ethanol, 2, 2', 2''-nitrilotris	<10	102-71-6

COMMENTS: Components listed in this section may contribute to the potential hazards associated with exposure to the concentrate. This product may contain additional non-hazardous or trade secret components.

3. HAZARDS IDENTIFICATION**POTENTIAL HEALTH EFFECTS****EYES:** May cause significant irritation to the eyes.**SKIN:** Short-term skin contact is not expected to be irritating.**INGESTION:** Not an anticipated route of exposure**INHALATION:** May cause significant irritation to the lungs, upper respiratory tract and nose.**SIGNS AND SYMPTOMS OF OVEREXPOSURE****EYES:** Redness and possible itching and/or tearing of the eyes.**SKIN:** Redness and/or itching of the skin**INGESTION:** No known adverse effects**INHALATION:** Possible coughing, burning, tightness of chest and/or shortness of breath.**SUBCHRONIC/CHRONIC TOXICITY****CARCINOGENICITY:** Not Listed by NTP

Not listed by IARC

Not listed by OSHA

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for two to three minutes. Remove any contact lenses and continue flushing for 15 minutes. Get medical attention.

SKIN: Remove contaminated clothing including shoes and immediately wash affected area with plenty of soap and water. Seek medical attention. Wash contaminated clothing and shoes before reuse.

INGESTION: No specific intervention is indicated as compound is not likely to be hazardous by ingestion, however, seek medical aid if necessary.

INHALATION: Remove individual to fresh air.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not Applicable

FLAMMABLE LIMITS: N/A to N/A

EXPLOSION HAZARDS: None

FIRE FIGHTING PROCEDURES: The non-combustible nature of the product creates no need for special fire fighting procedures and equipment.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Sweep or vacuum spills into appropriate containers for disposal. Follow standard landfill methods consistent with applicable Federal, State and Local laws.

LARGE SPILL: Sweep or vacuum spills into appropriate containers for disposal. Follow standard landfill methods consistent with applicable Federal, State and Local laws.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Construct temporary dikes of dirt, sand, or any appropriate readily available material to prevent spreading of the material.

7. HANDLING AND STORAGE

HANDLING: Use appropriate personal protective equipment as specified in Section 8. Handle in a well ventilated area.

Handle and use in a manner consistent with good industrial/manufacturing techniques and practices.

STORAGE: Store in unopened containers under cool and dry conditions.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide sufficient local exhaust and general ventilation to maintain exposure below PEL(s), especially for spraying operations which produce mists.

PERSONAL PROTECTION

EYES AND FACE: Wear safety glasses with side shields or goggles when handling this material.

SKIN: To prevent any contact, wear impervious protective clothing such as neoprene or butyl rubber gloves, apron, boots or whole bodysuit, as appropriate.

RESPIRATORY: Use NIOSH/MSHA approved air supplied respirator in absence of proper environmental control.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mildly scented.

APPEARANCE: Thin, blue fluid

pH: Not Applicable

VAPOR PRESSURE: Not Applicable

VAPOR DENSITY: Heavier

BOILING POINT: Not Applicable

FREEZING POINT: Not Applicable

MELTING POINT: Not Applicable

SOLUBILITY IN WATER: Soluble

SPECIFIC GRAVITY: 1.060

COMMENTS:

EVAPORATION RATE: Same as water.

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

HAZARDOUS DECOMPOSITION: This product as sold, is not expected to thermally decompose. Product residue however; may burn. Thermal decomposition products are highly dependent on combustion conditions. A complex mixture of airborne solid liquid, particulates and gases may evolve when the residue burns. Byproducts of residue combustion may include: Oxides of carbon, ammonia, and oxides of nitrogen, incompletely burned hydrocarbons as fumes and smoke.

INCOMPATIBLE MATERIALS: Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

SKIN EFFECTS: Contact with a component of this product may cause an allergic skin reaction in a small percentage of the population.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This product has not been evaluated for ecotoxicity. As with any industrial chemical, exposure to the environment should be prevented and minimized wherever possible.

DISTRIBUTION: Not Applicable

CHEMICAL FATE INFORMATION: The degree of biodegradability and persistence of this product has not been determined.

COMMENTS: Not Applicable

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Ensure that collection, transport, treatment and disposal of waste product, containers and rinsate comply with all applicable laws and regulations. Note that use, mixture, processing, or contamination of the product may cause the material to be classified as a hazardous waste. It is the responsibility of the product user or owner to determine at the time of disposal, whether the product is regulated as a hazardous waste.

14. TRANSPORT INFORMATION

COMMENTS: Not regulated as a hazardous material.

15. REGULATORY INFORMATION

GENERAL COMMENTS: Not Applicable

16. OTHER INFORMATION

APPROVED BY: David C. Dillon **TITLE:** Systems Administrator

APPROVAL DATE: 12/06/2002

REVISION SUMMARY New MSDS

HMIS CODES

FLAMMABILITY: 0 **HEALTH:** 1 **PHYSICAL HAZARD:** 0 **PERSONAL PROTECTION:** n

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handlers and users.