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PHOENIX PRODUCTS CO. PRODUCT NAME: ANTIFREEZE MATERIAL
55 CONTAINER DR SAFETY DATA SHEET
TERRYVILLE, CT 06786 rev. 1/10/05
(860) 589-7502 2/25/02

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SECTION I - IDENTIFICATION

CHEMICAL NAME & SYNONYMS: Antifreeze/ Propylene glycol, Ethyl Alcohol base
CHEMICAL FAMILY: Polyalcohol
TRADE NAME: Antifreeze
DESCRIPTION: Clear orange liquid, with cinnamon odor.
CAS NO.: Ethyl Alcohol,64-17-5, Ethyl Acetate,141-78-6

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SECTION II - PHYSICAL DATA

Boiling Point: 175⁰ F **Freezing Point:** N/A
Vapor Pressure (mm Hg): 15 @ 68 ⁰F **Specific Gravity (H₂O=1):** 1.010
% Volatile by Volume: 99 **Vapor Density(Air=1):** 3
Solubility in water: Completely **Evaporation Rate:** 0.1

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SECTION III - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Test method): 105°F T.C.C. **AutoignitionTemp:** N/A
Flammable Limits in Air % By Volume: 1.8 UEL. 12.0
Extinguishing Media: Water, alcohol foam or dry chemical, fog, carbon dioxide.
Special Fire Fighting Procedures: Clear fire area of unprotected personnel. Do not enter confined fire space without full bunker gear, including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire to exposed containers with water.
Unusual Fire and Explosion Hazards: Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure build-up, which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.

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SECTION IV- HEALTH HAZARD DATA

SYMPTOMS OF EXPOSURE:
Early to moderate Central Nervous System depression may be evidenced by giddiness, headache, dizziness, and nausea. In extreme cases, unconsciousness and death may occur. Liver damage may be evidenced by loss of appetite, jaundice and sometimes pain in the upper abdomen, often the right side.
CONDITIONS AGGRAVATED BY EXPOSURE:
Pre-existing eye, skin, and respiratory disorders may be aggravated by exposure to this product. Impaired liver function from pre-existing disorders may also be aggravated.

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SECTION V - EMERGENCY AND FIRST AID PROCEDURE

INHALATION: Remove to fresh air. If breathing difficult, give oxygen. If patient not breathing, administer artificial respiration. Consult a physician.
SKIN: Wash off with soap and water. If irritation persists consult a physician.
EYE: Immediately flush with copious amounts of water for 15 minutes. Immediately consult a physician.
INGESTION: Give 1-2 large glasses of milk or water and induce vomiting by placing finger in back of throat. Immediately consult a physician.

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SECTION VI - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: High temperatures, open flame

Incompatibility (materials to avoid): Avoid strong oxidizing agents.

Hazardous Decomposition: carbon dioxide, carbon monoxide.

Hazardous Polymerization: Will not occur.

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CHEMICAL NAME: Antifreeze/ Propylene glycol, Ethyl Alcohol base

TRADE NAME: Pool Line Antifreeze

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SECTION VII - SPILL, LEAKAGE & DISPOSAL PROCEDURES

Steps to take if material leaks or spills: Warning: combustible. Eliminate all ignition sources. Handling equipment must be grounded to prevent sparking. Large spills: evacuate the hazard area of unprotected personnel. Wear appropriate clothing. Shut off source of leak only if safe to do so. Dike and contain. If vapor cloud forms, water fog may be used to suppress; contain run-off. Remove with vacuum trucks.

Waste disposal method: (Under EPA-RCRA 940 CFR 261.21) If this product becomes a waste material, it would be ignitable hazardous waste, Hazardous Waste No. D001. Refer to latest EPA or state regulation regarding proper disposal.

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SECTION VIII - SPECIAL PROTECTION DATA

Ventilation: Use adequate ventilation.

Eye Protection: Wear chemical goggles to prevent eye contact.

Respiratory Protection: Use an approved NIOSH self-contained breathing apparatus to prevent over exposure.

Protective Gloves: Chemically resistant rubber gloves.

Other Equipment: Wear long-sleeved, body-covering clothing. Eye wash fountain near work area.

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SECTION IX - SPECIAL PRECAUTIONS DATA

Handling and Storage: Keep liquid and vapor away from heat, sparks or open flames. Surfaces that are sufficiently hot may ignite liquid product in the absence of sparks or flame. Extinguish pilot lights and cigarettes. Turn off other sources of ignition prior to use and until all vapors are gone. Vapors may accumulate and travel to ignition sources distant from the handling site. Containers, even those that have been emptied, can contain explosive vapors. Do not cut, drill, grind, weld, or perform similar operations on or near containers. Static electricity may accumulate and create a fire hazard. Ground fixed equipment. Wash with soap and water before eating, drinking, smoking, or using toilet facilities. Launder contaminated clothing before reuse.

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SECTION X - TRANSPORTATION INFORMATION

This material is not a hazardous material and is not regulated by the D.O.T.

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The information herein is given in good faith but no warranty, expressed or implied, is made.

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THE PHOENIX PRODUCTS COMPANY
55 CONTAINER DR
TERRYVILLE, CT 06786
24 HOUR EMERGENCY PHONE: Professional Emergency Resource Services 800-633-8253