



ITEM NUMBER: 966 - PENETRATING OIL

VERSION 2 Effective Date: 07/17/00 Supersedes Date: 06/04/98 Original Preparer: Philip T. Miller

IDENTITY (As Used On Label and List): PENETRATING OIL

EMERGENCY MEDICAL Telephone# 1-800-228-5635 X 009 (24 Hrs) Outside of the U.S.A. Call 651-632-9275

PRODUCT HAZARD RATINGS: Health = 2 , Fire = 3 , Reactivity = 0 , Protective Equipment = B

(Rating Legend: 4 = Extreme, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal)

## \*\_\*\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\* SECTION I

NETWORK SERVICES COMPANY

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Schaumburg, IL 60173

TELEPHONE NUMBER FOR INFORMATION: 1-847-803-4888

DATE PRINTED : 8/23/00 NAME OF PREPARER : Ron Cepas

\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\* SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Chemical Names	Exposure Limits	SARA Title III	ACGIH	OSHA	% By Wt.
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(LD50-Oral Rat)	SEC 313	<sup>1</sup> TLV/TWA	PEL
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Deodorized kerosene(CAS mixture)	NA	NA	NA	NA	30-40
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Trichloroethylene(CAS#79-01-6)*	>4.9 g/kg	Yes	50 ppm	100 ppm	50-60
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Barium compounds(CAS#NA)	4.8 g/kg	Yes	NA	NA	1-3
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Carbon Dioxide(CAS#124-38-9)	NA	No	5000 ppm	10,000 ppm	1-3
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Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard.

Components Listed As A Suspected Carcinogen: \*The International Agency for Research on Cancer (IARC) has determined that Trichloroethylene may cause cancer in humans based on animal data. California Proposition 65 - This product contains a chemical known to the state of California to cause cancer.

[illegible]

Boiling Point: NA      Vapor Pressure (psig): 90(+/-10) @130F      Specific Gravity (H2O=1): &gt;1.0

Solubility/Water: Negligible      Vapor Density (AIR=1): >1      Evaporation Rate (Ether=1): <1

Appearance and Odor: Clear brown liquid/chlorinated odor

\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\* SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**Aerosol Flammability:** Product is not required to be labeled as flammable as described in 16CFR 1500.3 and 1500.45.

Flammable Limits - % Volume In Air (Trichloroethylene): LEL: 8.0 UEL: 10.5 @ 77F

Trichloroethylene vapors concentrated in a confined or poorly ventilated area can be ignited upon contact with a high energy spark, flame, or high intensity of heat.

**Extinguishing Media:** Carbon dioxide, foam and/or dry chemical may be used.

**Special Fire Fighting Procedures:** Containers should be cooled with water to prevent vapor pressure build up.

Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers.

**Unusual Fire and Explosion Hazards:** At elevated temperatures (over 54C-130F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

## C-966 Penetrating Oil

### SECTION V - REACTIVITY DATA

Stability: Stable Hazardous Polymerization: NA  
 Incompatibility (Materials to Avoid): Oxidizing agents Hazardous Decomposition Products:  
 Hydrogen chloride, phosgene, oxides of carbons and additional toxic chemicals may be formed in small amounts.  
 Conditions to Avoid: Do not store above 54C-130F. Keep away from heat, direct sunlight, open flames or  
 sparks. Dropping of containers may cause bursting.

### SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation: X Eyes: X Skin: X Ingestion: X  
 Signs and Symptoms of Exposure:  
 Medical Conditions Generally Aggravated by Exposure: Preexisting skin or eye disorders may be aggravated by  
 exposure to this product.

Emergency and First Aid Procedures: Eye Contact: Flush eyes with plenty of water for 15 minutes while  
 holding eyelids open. Get medical attention if irritation persists. Skin Contact: Remove contaminated clothing.  
 Flush skin with water, follow by washing with soap and water. If irritation occurs, get medical attention. Do not  
 reuse clothing until cleaned. Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult.  
 Give artificial respiration if not breathing. Get medical attention. Ingestion: Get medical attention.

### SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Releases or Spilled: Remove all sources of ignition and ventilate area. Soak up spill with an inert absorbent  
 and place into a designated disposal container. Consult local regulatory agency for proper disposition of material.  
 Waste Disposal Method: Do not puncture or incinerate containers. When contents are depleted continue to  
 depress button until all gas is expelled. Dispose of container in accordance with local, state, and federal  
 regulations.

Handling And Storing: Avoid breathing vapor. Keep away from heat and flame. Use with adequate  
 ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures  
 above 130F (54C). Store as Level 2 Aerosol (NFPA 30B).

Other Precautions: Please read and follow the directions on the product label; they are your best guide to  
 using this product in the most effective way, and give the necessary safety precautions to protect your health.

### SECTION VIII - EMPLOYEE PROTECTION

Respiratory Protection (Type): None required if good ventilation is maintained. If exposure exceeds  
 occupational exposure limits (Sec. II), use a NIOSH approved respirator to prevent overexposure.

Ventilation: Local exhaust is adequate under normal conditions, mechanical ventilation is optional.

Protective Gloves: Chemical resistant gloves.

Eye Protection: Chemical safety glasses are recommended.

Other Protective Clothing or Equipment: Wear impervious clothing to prevent skin contact.

Work/Hygienic Practices: Ensure strict sanitary conditions are conformed to when working around chemicals.

Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and CFR 1910.133.

### SECTION IX - OTHER REGULATORY CONTROLS

Governmental Listings: Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

### SECTION X - TRANSPORTATION REQUIREMENTS (D.O.T. CLASSIFICATION)

Shipping Name: Consumer Commodity Hazard Class: ORM-D

NG-- Negligible NA-- Not Applicable NE-- Not Established UN-- Unavailable ND-- Not Determined

While the information set forth herein is believed to be accurate as of the date hereof, the Company makes no warranty  
 or guarantee, express or implied, and disclaims all liability arising out of the use of this information.

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