

ITEM NUMBER: 961 – PENETRATING OIL

VERSION 4 EFFECTIVE DATE: 03/02/04 SUPERCEDES: 09/26/03 PREPARED BY: Regulatory Compliance

Section(s) Revised: HMIS, II, III, IV, VI, IX

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

Emergency Medical Telephone Number 1-866-836-8855 (24 HRS) Outside the U.S.A. Call 952-852-4646  
 PRODUCT HAZARD RATINGS (HMIS®): - Health = 2\*, Fire = 4, Reactivity = 1 Protective Equipment = B  
 (Rating Legend: - 4 = Extreme, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal, \* = Chronic Hazard)

**SECTION I**

CLAIRE MANUFACTURING  
 500 VISTA AVE.  
 ADDISON, IL 60101

TELEPHONE NUMBER FOR INFORMATION: 1-800-252-4731  
 DATE PRINTED: August 8, 2005  
 NAME OF PREPARER: Regulatory Compliance

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

Chemical Names	CAS #	SARA Title III SEC 313	ACGIH TLV/TWA	OSHA PEL	% By Wt.
Mineral Spirits	8052-41-3 or 64742-47-8	No	100 ppm/NE	500 ppm/NE	20-30
Synthetic Isoparaffinic Hydrocarbon	64742-47-8	No	NE/NE	152 ppm*/NE	20-30
2-Butoxyethanol	111-76-2	Yes	20 ppm**/NE	25 ppm**/NE	5-10
Hydrotreated Heavy Naphthenic Distillate	64742-52-5	No	NE/NE	NE/NE	5-10
Paraffin Wax	None	No	ND/ND	ND/ND	5-10
Propane	74-98-6	No	2500 ppm/NE	1000 ppm/NE	5-15

Balance of ingredients are non-hazardous or below reportable levels.

\* ExxonMobil recommendation \*\* Skin Exposure

**SECTION III - PHYSICAL CHARACTERISTICS**

Boiling Point: NA Vapor Pressure (psig): 75-98 @ 130F / 32-48 @ 70F Specific Gravity (H2O=1): 0.7542-0.7770  
 pH: NA Solubility/Water: Negligible Vapor Density (AIR=1): ND Evaporation Rate (Ether=1): ND  
 Appearance and Odor: Amber to dark brown aerosol spray with bland odor.

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

Aerosol Flammability: Product is to be labeled as flammable as described in 16 CFR 1500.3 and 1500.45.

Flashpoint: &lt;0F (Propellant); &gt;104F (Concentrate)

Flammable Limits - % Volume In Air (Propellant): LEL: 2.2 UEL: 9.5

Extinguishing Media: Carbon dioxide, water spray, foam, or dry chemical.

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: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protection clothing. 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.

**SECTION V - REACTIVITY DATA**

Stability: Stable Hazardous Polymerization: NA

Incompatibility (Materials to Avoid): Heat, flame and oxidizing agents

Hazardous Decomposition

Products: Carbon dioxide, carbon monoxide 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: Y Eyes: Y Skin: Y Ingestion: N

HAZARDS IDENTIFICATION: EYES: May cause severe irritation. Can cause burning sensation, tearing, and redness. SKIN: May cause mild irritation.

INHALATION: Irritating to eyes, nose and respiratory tract. Can cause dizziness, headaches and incoordination. INGESTION: Exposure by ingestion is unlikely since an aerosol, but if occurs: Can cause dizziness, headaches and incoordination. Possible aspiration hazard. May cause inflammation of the lungs.

AGGRAVATED MEDICAL CONDITIONS: May aggravate pre-existing skin conditions.

CHRONIC EFFECTS/TARGET ORGANS: Liver. Kidneys. Nervous system. Lungs and/or respiratory system.

EMERGENCY AND FIRST AID PROCEDURES: EYES: Immediately flush with plenty of water for at least 15 minutes. Get immediate medical attention. SKIN: Immediately flush with plenty of water for at least 15 minutes. Get prompt medical attention. INHALATION: Remove to fresh air. If symptoms develop, seek immediate medical attention. If not breathing, give artificial respiration. INGESTION: In the unlikely event of swallowing: Get immediate medical attention. Do NOT induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person.

**CARCINOGENICITY:**

No regulated ingredients.

**TOXICITY INFORMATION:****2-Butoxyethanol:**

2-butoxyethanol may affect the liver and kidneys and may increase red blood cell hemolysis.

LC50 Inhalation (Rat): 486 ppm (male); 450 ppm (female)

**Paraffin Wax:**

LD50 Oral (Rat): >5000 mg/kg

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

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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 3 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.

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**SECTION VIII - EMPLOYEE PROTECTION**

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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.

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**SECTION IX - OTHER REGULATORY CONTROLS**

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**FEDERAL:**

Toxic Substance Control Act (TSCA): Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

**STATE RIGHT-TO-KNOW:**

Pennsylvania/New Jersey Right-To-Know (Chemical and CAS No.):

Refer to Section II.

**Domestic Substances List:**

Ingredients of this product are listed.

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

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Shipping Name: Consumer Commodity Hazard Class: ORM-D

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

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