



# Material Safety Data Sheet

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Revision Date 15-May-2007

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product code** 86137  
**Product name** Non-Flammable Penetrating Oil  
**Recommended Use** Lubricant  
  
**Supplier** Lawson Products, Inc.  
1666 East Touhy Avenue  
Des Plaines, IL 60018  
(847)-827-9666

**Emergency telephone number** (888) 426-4851

## 2. HAZARDS IDENTIFICATION

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**Aggravated Medical Conditions** None Known.

**Principal Routes of Exposure** Eyes. Skin contact. Inhalation.

### Potential health effects

**Eyes** May cause the following effects: Irritation. Redness. Itching. Burning sensation.

**Skin** Repeated or prolonged exposure may cause: Skin Irritation. Redness. Itching. Burning sensation.

**Inhalation** Repeated or prolonged exposure may cause the following effects. Headaches. Dizziness. Nausea. Upper respiratory tract irritation. Central nervous system effects. Loss of coordination. Extreme overexpos

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Chemical Name</b>	<b>CAS-No</b>	<b>Weight %</b>
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	10-30
Tetrachloroethylene	127-18-4	60-100
Carbon Dioxide	124-38-9	1-5

**4. FIRST AID MEASURES**

<b>Eye contact</b>	Flush with plenty of water for at least 15 minutes. Seek medical attention.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use.
<b>Ingestion</b>	Do not induce vomiting. Immediate medical attention is required.
<b>Inhalation</b>	

## 6. ACCIDENTAL RELEASE MEASURES

### Methods for cleaning up

Eliminate all sources of ignition. Ventilate area to maintain exposure below permissible exposure limits. Soak up with inert absorbent material.

## 7. HANDLING AND STORAGE

### Handling

Keep in a well-ventilated place. Turn off other sources of ignition prior to use and until all vapors have dissipated. Vapors may accumulate readily and may ignite explosively. Remove all sources of ignition. Keep away from open flame. Do not smoke. Check to make sure that all equipment is properly grounded and installed to satisfy electrical classification requirements. Contents under pressure. Do not puncture or incinerate. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of reach of children.

### Storage

Store in temperatures below 120 degrees F.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure limits

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Tetrachloroethylene	100 ppm	200 ppm	25 ppm	100 ppm
Petroleum distillates, hydrotreated heavy naphthenic	-	-	-	-
Carbon Dioxide	5000 ppm exposures < 10,000 ppm to be cited de minimus 9000 mg/m <sup>3</sup>	-	5000 ppm	30000 ppm

### Ventilation and Environmental Controls

Provide local exhaust ventilation. General: as necessary.

### Hygiene measures

Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing.

### Personal protective equipment

#### Respiratory protection

Wear a NIOSH approved organic vapor/particulate respirator. Use a positive pressure supplied air respirator. if there is any potential for an uncontrolled release. where exposure levels are not known. or other circumstances where an air purifying respirator (P100) may not provide adequate protection .

#### Hand Protection

Gloves are not required in normal use. The following gloves are recommended for prolonged or repeated contact: .  
Chemical resistant gloves.

#### Eye protection

Wear safety glasses with side shields.

#### Skin and body protection

None necessary under normal conditions

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Colorlessre known

No data available

**10. STABILITY AND REACTIVITY****Stability**

Stable.

**Conditions to avoid**

None known.

**Incompatability**

None known.

**Hazardous Decomposition Products**

Carbon dioxide. Carbon monoxide. Hydrogen chloride.

**Polymerization**

Will not occur.

**11. TOXICOLOGICAL INFORMATION****Component Information**

<b>Chemical Name</b>	<b>LD50 (oral, rat)</b>	<b>LD50 (dermal, rat/rabbit)</b>	<b>LC50 (inhalation, rat)</b>
<i>Tetrachloroethylene</i> 127-18-4	2629 mg/kg	-	5200 mg/kg
<i>Petroleum distillates, hydrotreated heavy naphthenic</i> 64742-52-5	5000 mg/kg	2000 mg/kg	2.18 mg/L
<i>Carbon Dioxide</i> 124-38-9	-	-	836 ppm

**Synergistic Products**

None known

**Potential health effects**

Product code **86137**

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Product name **Non-Flammable Penetrating Oil**

## 14. TRANSPORT INFORMATION

UN1950 Aerosols (Tetrachloroethylene/Petroleum distillates), Class 2.2(6.1) Consumer Commodity, ORM-D

### **IMDG/IMO**

UN1950 AEROSOLS (Tetrachloroethylene/Petroleum distillates), Class 2.2 (6.1) Marine Pollutant

### **IATA**

UN1950 Aerosols, non-flammable, containing substances in Division 6.1, Packing Group III  
(Tetrachloroethylene/Petroleum distillates), Class 2.2 (6.1)

### **MEX**

UN1950 AEROSOLES (Tetrachloroetileno/Destilado de petroleo), 2.2(6.1)

## 15. REGULATORY INFORMATION

Chemical Name	US EPA SARA 313 Emission Reporting
Tetrachloroethylene	Listed

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Tetrachloroethylene	Listed	Listed	Carcinogen
Petroleum distillates, hydrotreated heavy naphthenic	Not Listed	Not Listed	Not Listed
Carbon Dioxide	Listed	Listed	Not Listed

Chemical Name	EINECS	DSL	NDSL	TSCA
Tetrachloroethylene	X	X	-	X
Petroleum distillates, hydrotreated heavy naphthenic	X	X	-	X

**16. OTHER INFORMATION**

<b>NFPA</b>		<b>HMIS</b>	
<b>Health</b>	-	<b>Health</b>	2
<b>Flammability</b>	-	<b>Flammability</b>	2

**Prepared By**

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The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.